CL3500/CL5000 /CL5500 SERIES

Label Printing Scale

www.globalcas.com

OWNER'S MANUAL

CAS

CONTENTS

1.GENERAL

1.1   PRECAUTIONS

⚠ Warning

Precautions when installing the scale. To ensure that you get the most from your scale, please follow these instruction.

Do not disassemble the scale.	Do not overload beyond the maximum weight limit.	Scale must be grounded to minimize electricity static.
When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.		This will minimize defect or electric shock.
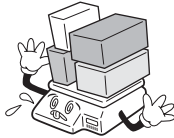
Do not pull the plug by its cord when unplugging.	To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas.	To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition.
Damaged cord could cause electric shock or fire.		
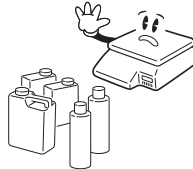
Avoid placing the scale near heater or in direct sunlight.	Insert plug firmly to wall outlet to prevent electric shock.	Use proper Adapter.
		Incorrect adapter could damage the scale.
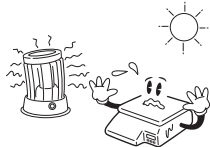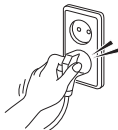
9
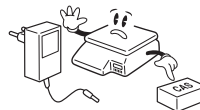
⚠ Attention

Make sure to plug your scal into the proper power outlet. For maximum performance, plug into a power outlet 30 minutes before the usage for warm up.

For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.	**Avoid sudden shock to the scale.**	**Grab on the bottom of the scale when moving.**
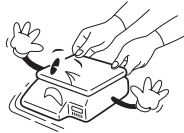
Keep the scale away from other electromagnetic enerating devices.	**Place the scale on firm and temperature consistent environment.**	**By adjusting 4 comers of the scale, set the scale even using the built in scale leveling indicator.**

This may interfere with accurate reading.

• CE Mark Warning

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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1.2 INTRODUCTIONS

Thank you for purchasing the CAS CL5000 series price computing electronic printing scale. We have designed this equipment with many advanced features, high quality construction, and user-friendly menu driven programming. We are confident that you will find the CAS CL5000 series scale will meet all of your most demanding needs.

Remember, for proper installation and maintenance please have your Authorized CAS Dealer do the primary installation, programming, and demonstration. Your CAS Authorized Dealer also has a wide variety of supplies, accessories, and expansion options for whatever your new and increasing demands may require. Authorized CAS dealers are trained to help you with every aspect of the CL5000 series and should you need servicing, they are expertly trained by CAS to assist you with virtually any problem.

1.3   SPECIFICATIONS

Max. Capacity		3/6kg	6/15kg	15/30kg	6/15 lb	15/30 lb	30/60 lb
Interval		1/2g	2/5g	5/10g	0.002 lb/ 0.005 lb	0.005 lb/ 0.01 lb	0.01 lb/ 0.02 lb
Max. Tare		-2.999kg	-5.998kg	-9.995kg	-5.998 lb	-9.995 lb	-29.99 lb
A/D Conversion Rate		Approx. 8 times/sec.					
Measurement Type		Load Cell					
Platter Size		B,P,R,S Type : 382 x 246 mm , D Type : 380 x 270 mm, H Type : 430 x 289 CL3500-B.P : 380 x 250mm					

Key CL3500	Standard Type (B)	40 PLU key, 30 function key	Pole Type (P, R,G) Hanging Type (H)	72 PLU key, 36 function key
		80 PLU		144 PLU
Key CL5000 CL5500	Standard Type (B)	48 PLU key, 36 function key	Pole Type (P, R,G) Hanging Type (H)	72 PLU key, 36 function key
		96 PLU		144 PLU
Speed Key	Self-key Type(S)	172 PLU key, 36 function key	Double Body Type(D)	72 PLU key, 40 function key
		244 PLU		144 PLU

Display	24 digit VFD + Graphic LCD (B, P, R, S, H)
	Graphic LCD (G)
	24 digit LCD + Graphic LCD (B, P, R, S, H)
	25 digit LCD + Graphic LCD (D)
	Graphic LCD (CL3500-B,P)

Tare : 4 digit	Weight : 5 digit
Weight : 5 digit	Unit Price : 6 digit
Unit Price : 6 digit	Total Price : 7 digit
Total Price : 6 digit	

Printer	Speed 100 mm/sec.
Printing Resolution	202 dpi
Label Size	Width: 40mm~60 mm Length: 30mm~120 mm
Barcode Type	UPC, EAN13, EAN13A5, I2OF5, CODE128, CODE39, CODE93, CODABAR MSI/PLESSEY, IATA2OF5
Font	Small, Middle, Large Size, Free Format, Italic, Bold, Underline, Through Line, Double through line, Reverse, shadow, outline
Printer Type	DIRECT THERMAL PRINT

Operating Temp.	-10°C ~ 40°C (14°F ~ 104°F)
Power	AC 100~240V 50/60Hz 1.5A

		Number	Range
Programmable Data	PLU (Price Look Up, Item Index Number)	3000	1~99999
	Ingredient 510 character	999	1~999
	User Defined Barcode Format	99	1~99
	Department	99	1~99
	Tax Type	9	1~9
	Group	99	1~99
	Clerk	95	1~95
	Discount	99	1~99
	Origin	499	1~499
	Traceability	99	1~99
	Slaughter House	99	1~99
	Cutting Hall	99	1~99
	Traceability Country	99	1~99
	Label Format	45	Fixed
		20	Free Format
	Bitmap Image	14	1~99
	Customer	99	1~99
	Quanty symbol	8	1~8
	Scroll Message	9	1~9

	X1,X2,Z1,Z2 Report		
	Pay Type	9	
	Sales Message	99	1~99
	Nutrifact	99	1~99
	Tare Table	99	1~99

Sales Period	Dual totals for daily/monthly or user selectable reporting period.
Sales Report Mode	Read : X1/X2 Mode, Read & Reset: Z1/Z2 Mode

Note: Specifications are subject to change without notice.
        We always call PLUs instead of Item Index Numbers.

1.4 NAME AND FUNCTIONS

OVERALL VIEW

CL5000/5500-B

380.4
432
244.4
291
173
237 (MIN)
316 (MAX)
408
180
261 (MIN)
432 (MAX)

CL5000/5500-P

380.4
244.4
291
173
237 (MIN)
316 (MAX)
408
542
180 (MIN)
261 (MAX)
493
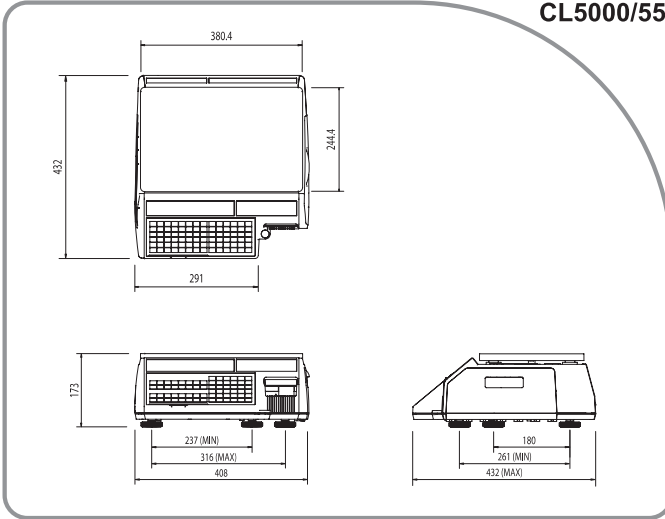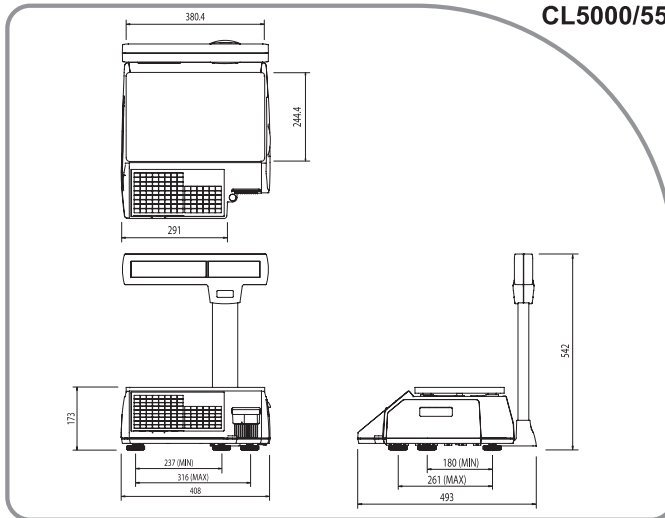
CL5000/5500-R

CL5000/5500-H

16
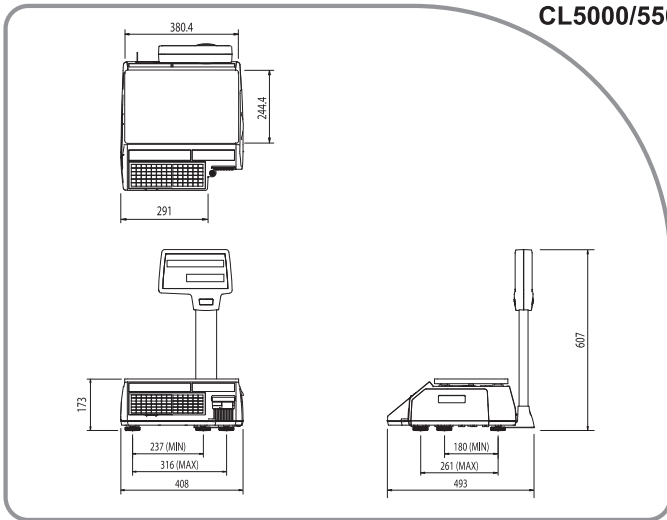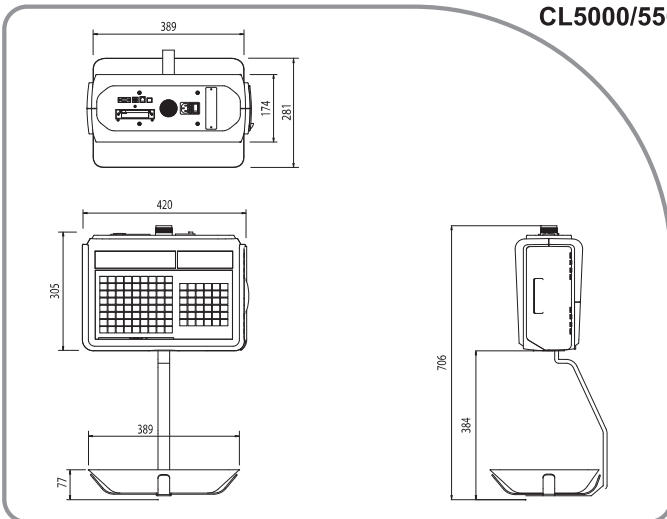
CL5000-G

CL5000/5500-S

CL5500-D

350

464

612

380

270

108

396

369.7

CL3500-B

250

380

178.2

409

441
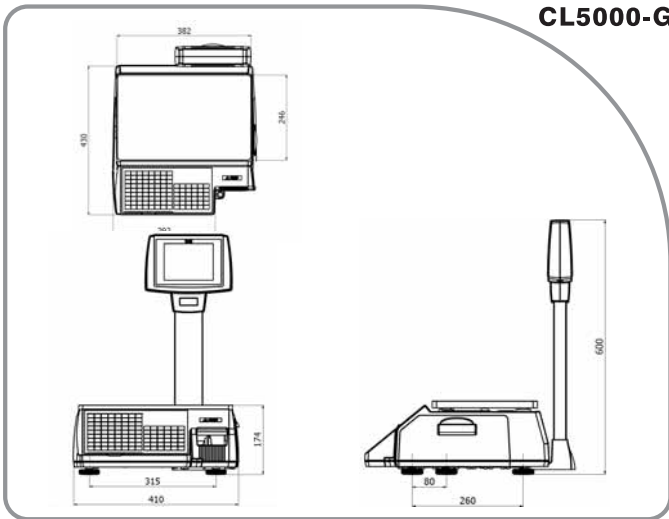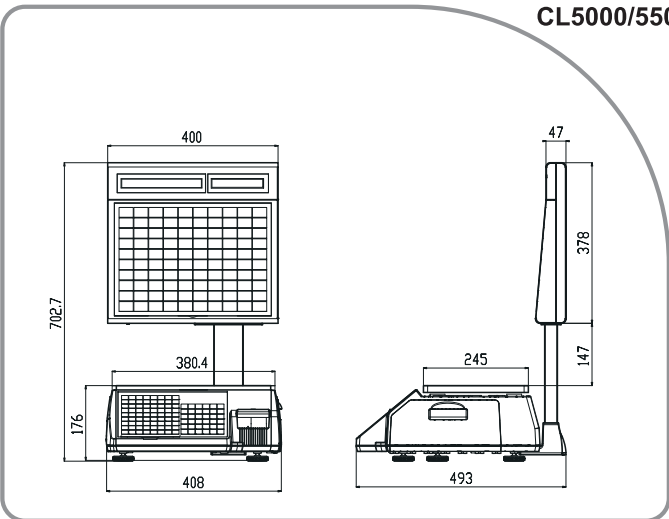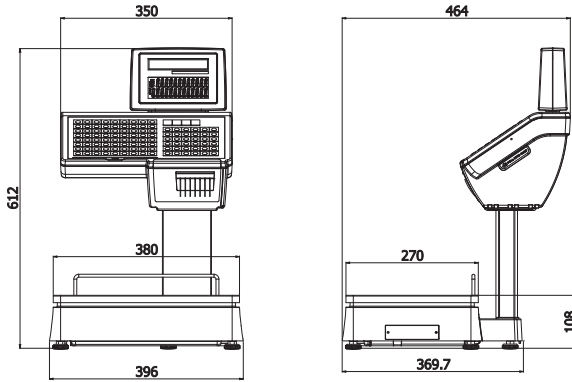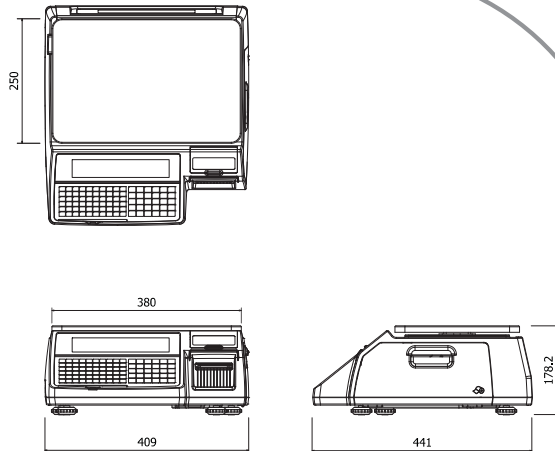
CL3500-P

OVERALL VIEW

TYPE-I : 5/8/9

kg	$/kg	$

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT TR

Max 3/6 kg Min 20 g e=d=1/2 g ⦿ CAS

TYPE-II : 4/5/6/6
■ CL5000

PT	kg	kg	$/kg	$

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT TR

Max 3/6 kg Min 20 g e=d=1/2 g ⦿ CAS

■ CL5500

PT	kg	kg	$/kg	$

ST •0• NET   AUTO SAVE PREPACK EN D/C   SHIFT TR

Max 3/6 kg Min 20 g e=d=1/2 g ⦿ CAS

TYPE-III : CL5000-G

Max 6/15kg Min 40g e=d=2/5g ⦿

TYPE-IV : CL5500-D

Max 6/15kg   Min 40g   e=d= 2/5g ⦿

PRESET TARE		UNIT PRICE
kg		$/kg
WEIGHT		TOTAL PRICE
kg		$

AUTO SAVE   TR PREPACK D/C SHIFT

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TYPE-Ⅴ :

■ **CL3500-P**

PT   kg   kg $/kg $

ST   ▸0◂   NET   AUTO   SAVE   PREPACK   LN D/C   SHIFT   TR

Max 6/15kg   Min 40g   e=d= 2/5g   (Ⅲ)

■ **CL3500-B**

Max 6/15 kg   Min 40 g   e=d= 2/5 g   (Ⅲ)

PT   kg   kg $/kg $

CL3500   ST   ▸0◂   NET   AUTO   SAVE   PREPACK   LN D/C   SHIFT   TR

PT   kg   kg $/kg $

CAS   CL3500   ST   ▸0◂   NET   AUTO   SAVE   PREPACK   LN D/C   SHIFT   TR

Max 6/15 kg   Min 40 g   e=d= 2/5 g   (Ⅰ)

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KEYBOARD

Pole type

A	B	C	D	E	F	G	H
I	J	K	L	M	N	O	P
Q	R	S	T	U	V	W	X
Y	Z	$		←	SPACE	SPACE	↵
/	%	(	)	.	,	CHAR	
À	È	Ì	Ñ	Ò	Ù	Ü	

RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
SHIFT				▲	PG UP
DISC(%)	FOR	AUTO	PRE PACK	SAVE	VOID
INSERT				◄	►
DISC(−)	7	8	9	PLU	ADD
DEL				▼	PG DOWN
WT/CT	4	5	6	✖	PAY
CAPS				ESC	TEST
MISC. WEIGHED	1	2	3	FEED	ST TTL
MISC. BY COUNT	00	0	C	PRINT	PRINT

Standard

A	B	C	D	E	F	G	H
I	J	K	L	M	N	O	P
Q	R	S	T	U	V	W	X
Y	Z	$		←	SPACE	SPACE	↵
/	%	(	)	.	,	CHAR	
À	È	Ì	Ñ	Ò	Ù	Ü	

RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
SHIFT				▲	PG UP
DISC(%)	FOR	AUTO	PRE PACK	SAVE	VOID
INSERT				◄	►
DISC(−)	7	8	9	PLU	ADD
DEL				▼	PG DOWN
WT/CT	4	5	6	✖	PAY
CAPS				ESC	TEST
MISC. WEIGHED	1	2	3	FEED	ST TTL
MISC. BY COUNT	00	0	C	PRINT	PRINT

H-Type (hanging type)

A	B	C	D	E	F	G	H	I
J	K	L	M	N	O	P	Q	R
S	T	U	V	W	X	Y	Z	
$		←	SPACE	SPACE	↵			
/	%	(	)	.	,	CHAR		
À	È	Ì	Ñ	Ò	Ù	Ü		

RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
SHIFT				▲	PG UP
DISC(%)	FOR	AUTO	PRE PACK	SAVE	VOID
INSERT			◄		
DISC(–)	7	8	9	PLU	ADD
DEL					PG DOWN
WT/CT	4	5	6	✳	PAY
CAPS				ESC	TEST
MISC. WEIGHED	1	2	3	FEED	ST TTL
MISC. BY COUNT	00	0	C	PRINT	PRINT

S-Type (Selfkey type)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

D-Type (Double body type)

CL3500-P (Pole type)

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CL3500-P (Standard)

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1.5   Basic set - up

How to install tray

←B,P,R type

PUSH DOWN

H - type tray
NOTE: Push down ball →
            connection

H - type mounting
method(3 suggested)

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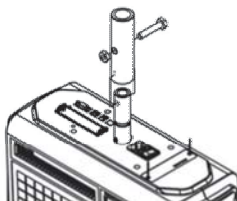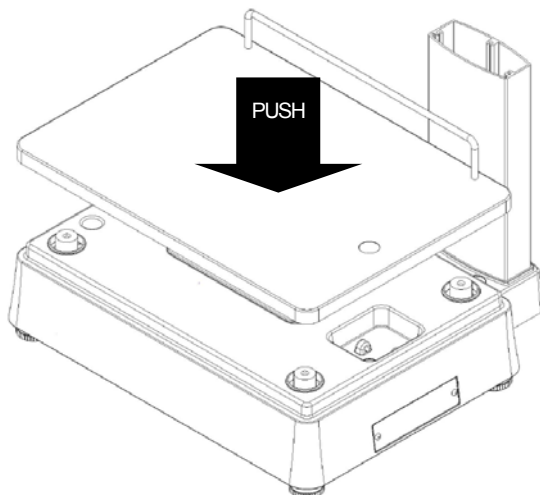
D-type

1.6   SYMBOLS

SYMBOLS			DESCRIPTION
B, P, R, H - TYPE	G - TYPE	D - TYPE	
ST	ST	STABLE	Stable weight indicator
▶0◀	ZR	▶0◀	Zero weight indicator
NET	NET	NET	Net weight indicator
AUTO	AT	AUTO	Print Mode indicator
SAVE	SV	SAVE	Auto clearing status indicator
PREPACK	PRK	PREPACK	Auto clearing status and Print mode indicator
D/C	DC	D/C	Discount status indicator
SHIFT	SH	SH	Speed key shift status indicator
TR	TR	📶	Data transmission status indicator
		M	Master status indicator
		S	Slave status indicator
EN (CL3500,CL 5500)			Ethernet Connection Status

1.7   KEY FUNCTIONS

KEY	DESCRIPTION
0 ~ 9	Numeric keys. Used to enter pricing, qty, count, tare, etc.
00	Double zero key.
C	Clear key. Used to clear erroneous entries and error conditions.
ZERO	Re-Zero key. Use to remove small variations in the scale's zero.
TARE	Tare key. Use to manually enter and remove tare weights.
OVER RIDE	Override key. For temporary price change entry.
DATE TIME ▲	Date & Time key. Toggles the display between time, date, scale number and department number. Up arrow key: Used to go to previous line in program mode.
MENU PG UP	MENU key. This key toggles from program menu to sale mode. Page up key: Used to go to previous page in program mode.
FOR	For key. Use this key for by- count or by pcs pricing: 3 @ 3 FOR $1.00. It toggles between the QTY, PIECE, and PRICE fields.
AUTO	AUTO key. Auto-print mode
PRE PACK ◄	Pre-Pack key. Used to enter Pre-Packaging mode in which the scale Auto-prints for every transaction and prevents the auto clearing of data. Left arrow key: Used to go to left character in program mode.
SAVE	Save key. Save mode prevents the auto clearing of any called-up data like tare weight, PLU pricing, etc.
VOID ►	Void key. To remove erroneous sales from ADD-Up Right arrow key: Used to go to right character in program mode.
PLU ▼	When you type a PLU number and press this key, it calls-up that PLU. Down arrow key: Used to go to next line in program mode.

KEY	DESCRIPTION
ADD / PG DOWN	ADD-Up key. This key when used in conjunction with ST/TTL key allows you print a customer-total label as well as individual transaction labels. Page down key: Used to go to next page in program mode.
✕ / ESC	Multi-Label key. Use this key to print multiple sales of the same transaction. Escape key. It is used to exit in program mode.
ST / TTL	Subtotal / Total key. Used with the ADD key in order to print customer totals.
FEED	Feed key. Use this key to feed labels or paper through printer
PAY / TEST	Pay key. Use this key to calculate change. Test key. Used to print test pattern
PRINT	Print key. Used to manually print transactions and also serves as an ENTER key in programming mode. There are 2 of them and they both act the same.
RETURN / SHIFT	Return key. Used to credit sales for erroneous transactions or returned items. Shift Key. Used to access the second level of Speed Keys in Sales Mode. Used to toggle between Upper Case and Lower Case Alpha Characters.
MISC. WEIGHED	Miscellaneous Weighed PLU key.
MISC. BY COUNT	Miscellaneous By-Count PLU key.
F1 ～ F4	Clerk Key (available user define)

KEY	DESCRIPTION
A ~ Z	Alpha keys. Used to type text data.
$	Used to type $
←	Backspace key. Used to backspace and delete text data.
SPACE	Space bar.
↵	Used to go to next line to enter text
/ ~ Ü	Special symbol keys.
CHAR	Used to type special symbol. (See ASCII code table)

Note: X key is only used in sale mode and ESC key is only used in program mode.

Sale mode : X key
Program mode : ESC key

1.8   Installation of the Label Roll

• Label Specifications

Outer diameter of roll : 100mm
Inner diameter of roll : 40mm
Width of receipt roll : 40, 50, 60mm
Width of label roll : 60mm(MAX)

Width of roll

Inner diameter
(40mm)

Outer diameter
(100mm)
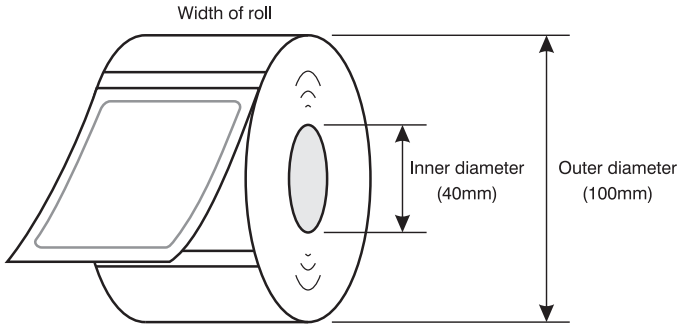
• Print Area

Width of label : 60mm(MAX)
Printable width : 56mm(MAX)
Length of label : 120mm(MAX)

Label width (60mm)

Print Area (56mm)

Label length
(Max 120mm)

Label gap
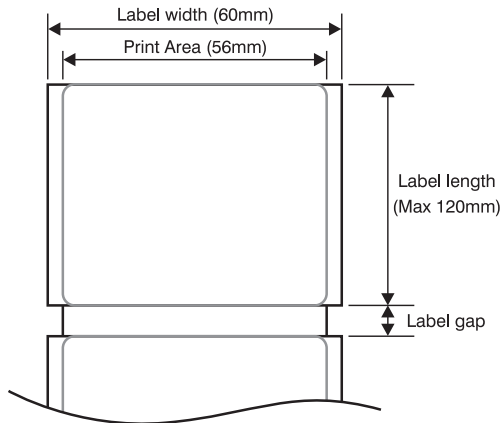
To install the label roll at ANY time you must follow the directions in this section:

① Turn lever to open position.
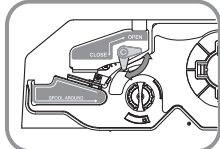
② Remove the cartridge.
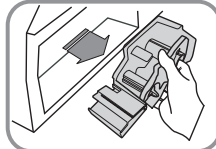
③ Remove the front cover.
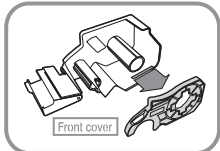
Front cover

④ Insert the roll paper.
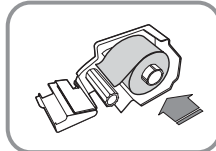
⑤ Spool the paper to unwinder.
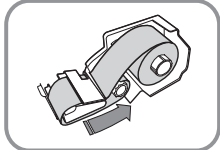
⑥ Push the clip until it clicks.
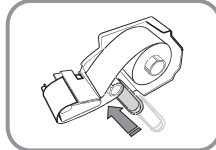
⑦ Turn the clip for several times.
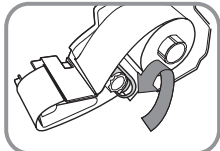
⑧ Close the front cover.
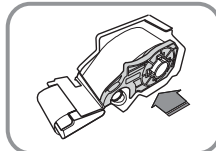
⑨ Press the FEED key. Scale prints twice for auto Label adjustment

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Double Body Type (D-Type)

Roll paper changing.
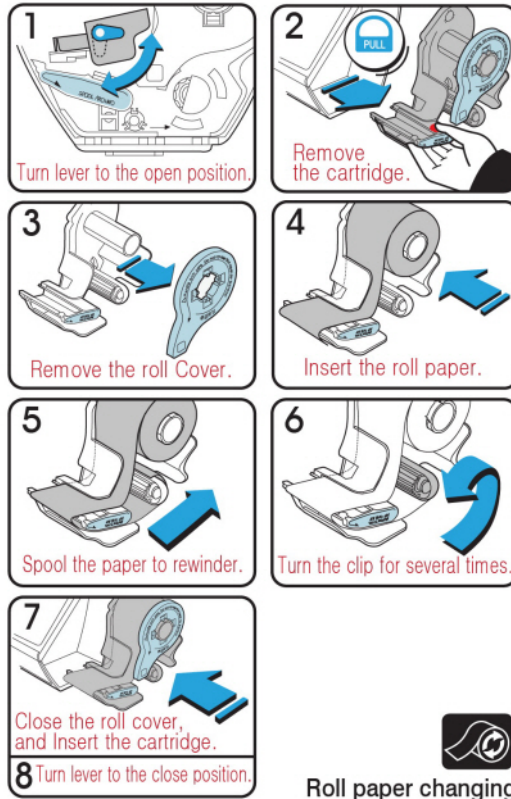
*If label position is not correct, you have to check follows :

a, Label size.(Label setting menu)
b. Feed Adjustment .(Feed adjustment menu)
c. Sensor calibration(Sensor Calibration menu)

2. PROGRAMMING

Program Mode Menu Tree (Menu code : 1000)

CODE	Menu	CODE	Sub Menu	CODE	Sub Menu		
1100	PLU	1110	Change unit price				
		1120	New/Edit				
		1130	Discount	1131	New/Edit Discount		
				1132	List Discount		
				1133	Delete Discount	1137	Delete by PLU(DC)
						1138	Delete by Dept(DC)
						1139	Delete All(DC)
		1140	Management	1141	Copy		
				1142	Delete	1147	Delete by PLU No
						1148	Delete by Dept. No
						1149	Delete All
				1143	Move		
				1144	Select PLU Items		
				1145	PLU Sale Count		
		1150	List				
		1160	Speed Key				
		1170	Sample Printing				
1200	PLU Data Table I	1210	Department	1211	New/Edit department		
				1212	List department		
				1213	Delete department		
		1220	Group	1221	New/Edit group		
				1222	List group		
				1223	Delete group		
		1230	Tax Rate	1231	New/Edit TAX rate		
				1232	List TAX rate		
				1233	Delete TAX rate		
		1240	Sales Message	1241	New/Edit Sales Message		
				1242	List Sales Message		
				1243	Delete Sales Message		
		1250	Origin	1251	New/Edit Origin		
				1252	List Origin		
				1253	Delete Origin		
		1260	Barcode	1261	New/Edit barcode		
				1262	List barcode		
				1263	Delete barcode		
		1270	Tare	1271	New/Edit Tare		
				1272	List Tare		
				1273	Delete Tare		

CODE	Menu	CODE	Sub Menu	CODE	Sub Menu
1200	PLU Data Table I	1280	Unit Symbol	1281	New/Edit Unit Symbol
				1282	List Unit Symbol
				1283	Delete Unit Symbol
1300	PLU Data Table II	1310	Ingredient	1311	New/Edit Ingredient
				1312	List Ingredient
				1313	Delete Ingredient
		1320	Nutrition Facts		
		1330	Traceability		
		1340	Country		
		1350	Slaughter House		
		1360	Cutting Hall		
1400	PLU Data Table III	1410	Store	1411	New/Edit Store
				1412	List Store
				1413	Delete Store
		1420	Customer		
		1430	Scroll Message		
		1440	Currency		
		1450	Job Batch Schedule		
		1460	Scanner		
		1470	Label Format Key Table		
1500	Global Setting	1510	Label Format		
		1520	Barcode		
		1530	Discount	1531	Priority Setting
				1532	Weight Discount
				1533	Count Discount
				1534	PCS Discount
		1540	Tax	1541	Set Global Tax
				1542	Global Tax Number
1600	Report	1610	X1 Report	1611	Scale
				1612	PLU
				1613	Misc. PLU
				1614	Group
				1615	Department
				1616	Hourly
				1617	Clerk
		1620	Z1 Report		
		1630	X2 Report	1631	Scale
				1632	PLU
				1633	Misc. PLU
				1634	Group
				1635	Department
				1636	Hourly
				1637	Clerk

CODE	Menu	CODE	Sub Menu	CODE	Sub Menu
1600	**Report**	**1640**	**Z2 Report**		
		1650	**Clear All**		
		1660	**Non-sending Report**		
1700	**Print**	**1710**	**Print Label Item**		
		1720	**Markdown**		
		1730	**Print Hardware**	**1731**	**Print Mode**
				1732	**Label/Ticket Size**
				1733	**Sensor Calibration**
				1734	**Sensor & Motor**
				1735	**Print Intensity**
				1736	**Adjust Feed Length**
				1737	**Label Preprint**
		1740	**Serial Number Format**		
		1750	**Add-Up Total**		
		1760	**Ticket**	**1761**	**Select Ticket Item**
				1762	**Select List Item**
				1763	**Select Ticket Font Size**
1800	**Scale Config**	**1810**	**Sale Mode**		
		1820	**Operation Mode**		
		1830	**Department & Store ID**		
		1840	**Date/Time**		
		1850	**User/ Security Configuration**	**1851**	**New/Edit User**
				1852	**Change Password**
				1853	**List User**
				1854	**Delete User**
				1855	**Config Permission**
				1856	**Clerk Key**
		1860	**Test**	**1861**	**Display**
				1862	**A/D**
				1863	**Keyboard**
				1864	**Chess Printer**
				1865	**Printer Sensor**
				1866	**Memory Information**
				1867	**Firmware Version**
				1868	**Communication**
		1870	**Scale Parameter**	**1871**	**Display**
				1872	**Printing**
				1873	**Sale setup**
				1874	**Clerk Logout**
		1880	**Function Key Define**		

CODE	Menu	CODE	Sub Menu	CODE	Sub Menu
1900	Communication	1910	Network Setting	1911	Service Type
				1912	DHCP
				1913	IP
				1914	Remote IP
				1915	RS232C
				1916	WLAN setting
				1917	WLAN Config
		1920	Application		
		1930	Scale Lock/Unlock		
		1940	Check Scale		
		1950	Backup to Scale		
		1960	Slave Scale		

You can see the Program Menu screen by pressing the MENU key.

The 2 numbers at top right (1/3) indicate the number of pages or screens. The number to the left of the slash is the current page or screen number and the number to the right of the slash indicates the total number of pages or screens. You can use the PG UP and PG DOWN keys to navigate from page to page, or you can use the Arrow keys to go through each page.

(Screen 1 of 3)

Menu code.   Selectable menu. If you want to select PLU, simply press 1.
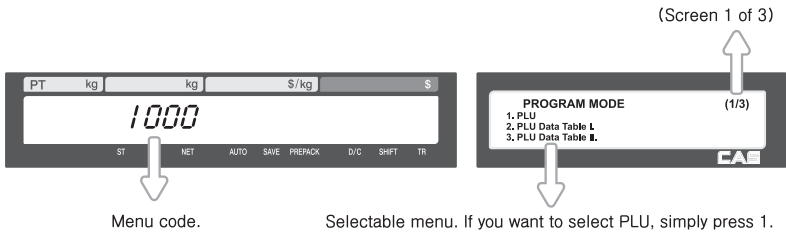
If you press "**PG DOWN**" key, you can see other menu screens as below.
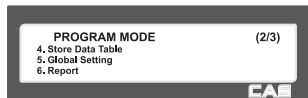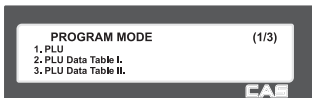
The Screen capture of CL5000-G is as seen bellow

PROGRAM MODE   [M1000] → Menu Code
                                       (1/1) → Screen 1 of 1
1. PLU
2. PLU data table I
3. PLU data table II
4. Store Data Table
5. Global Setting
6. Report
7. Print
8. Scale config
9. Communication

Max 6/15kg   Min 40g   e=d=2/5g
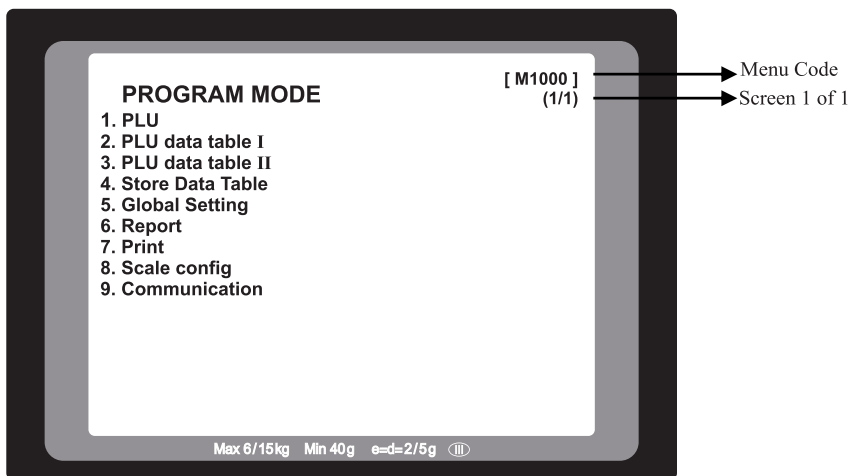
Selectable menu. If you want to select PLU, simply press 1.

The Screen capture of CL5500 is as seen bellow

PROGRAM MODE   Screen 1 of 3   (1 / 3)
1. PLU
2. PLU data table I
3. PLU data table II

Max 6/15kg   Min 40g   e=d= 2/5g

PRESET TARE
kg

UNIT PRICE
$/kg

WEIGHT
kg

1000 → Menu Code

TOTAL PRICE
$

AUTO   SAVE   TR PREPACK D/C   SHIFT
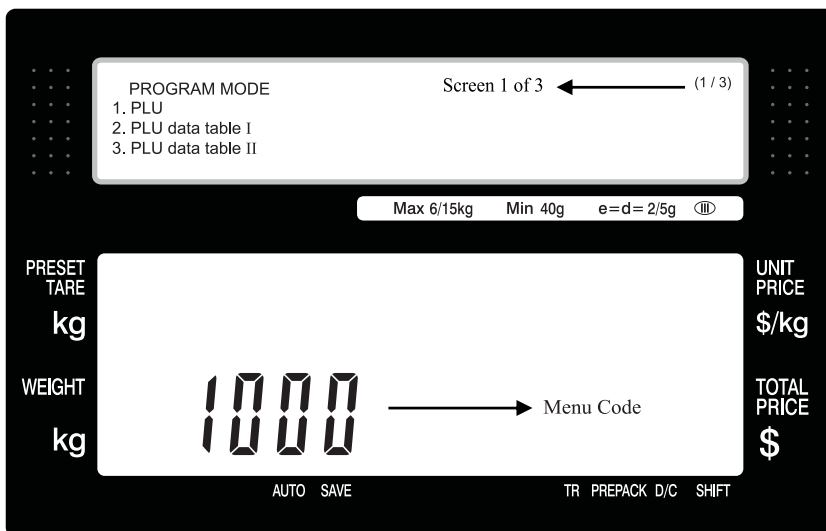
Selectable menu. If you want to select PLU, simply press 1

The Screen capture of CL3500 is as seen bellow

PT   kg   kg $/kg $

Max
6/15
kg

Min
40 g

e=d=
2/5 g

P1000 PGR

1. PLU   >1/9
                                                 -

CL3500   ST   ►0◄   NET   AUTO SAVE PREPACK LN D/C SHIFT TR
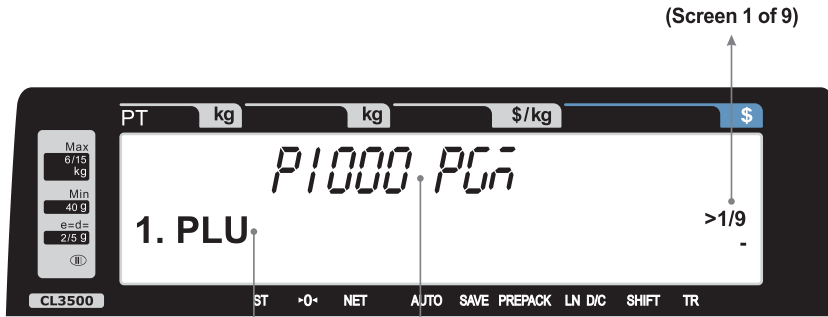
Menu code.   Selectable menu. If you want to select PLU,
               simply press 1.

Selectable menu. If you want to select PLU, simply press 1

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2.1 PLU Programming

You can set 47 items for a PLU as below table and if you do not want to use some items, you can prohibit those items in menu code:1144.

No	Item	Description
1	Department	Department No.
2	PLU No	PLU No.
3	PLU Type	Select PLU type among By Weight, By Count or By-PCS
4	Name	Enter name 1 of item. Maximum 40 characters.
5	Name 2	Enter name 2 of item. Maximum 40 characters.
6	Name 3	Enter name 3 of item. Maximum 40 characters.
7	Group No.	Select group number. This value can be from 0 to 99.
8	Ext.Barcode	13 digits of EAN-13 barcode is used to output them as they are
9	Label No.	(0~99) (0=Do not use Label No.), Label Formats "1~30". If Global Setting is YES, it is not shown.
10	Aux. Label No.	(0~99) (0=Do not use Label No.), Label Formats "1~30". This function prints aux. label as saved number of label number
11	Origin No.	(0~500) 0=Do not use origin.
12	*Fixed Weight	The weight is fixed regardless of item
13	Prefix	Enter serial code for PLU (Greece version of CL5000 series)
14	Item code	Item code
15	Use Fixed Price Type	You can set whether use Fixed Price or not
16	☆Pieces	(0-999) Set the number for By-PCS PLU
17	☆Quantity Unit No.	(0~8) Set symbol of PCS or Count
18	(Unit) Price	This value can be from 0 to 999999.
19	Special Price	It can be unit price by using Special key.
20	Tax No.	Enter tax number. This value can be from 0 to9
21	*Tare / Tare No.	You can enter tare weight manually or enter No. of tare data. (By-weight PLU)

No	Item	Description
22	*% Tare	0~99.99 You can enter tare weight as percentage of item. If you set it to 20%, 20% of item is tare weight.
23	*Tare % Limit	0~99.99 You can enter tare limit. %tare < = % limit -> Gross weight is printed %tare > % limit -> Net weight is printed
24	Barcode No.	This value can be from 0 to 99, If Global Setting is YES, it is not shown.
25	Barcode2 No.	This value can be from 0 to 99.
26	Picture No.	Image No.
27	Produced Date	(0~999) This is subtracted to the current date in order to be calculated.
28	Packed Date	(0~999) This is added to the current date in order to be calculated.
29	Packed Time	(0~99) If you set it to 0, it is not printed
30	Sell-by Date	(0~9999) This is expirations date that is numbered in days and added to the Packed On date in order to be calculated. If you set it to 0, it is not printed
31	Sell-by Time	(0~99) If you set it to 0, it is not printed
32	Cook-by Date	(0~9999) This is expirations date that is numbered in days and added to the Packed On date in order to be calculated.
33	Ingredients No.	(0~999) Enter ingredients
34	Traceability No.	(0~99) Enter traceability No.
35	Bonus	For future use.
36	Nutri. Fact No.	(0~500) Enter nutrition fact ID
37	Sales Msg No.	(0~99) Enter sales message No.
38	Reference PLU Dept.	(0~99) Enter reference department No.
39	Reference PLU No.	(0~999999) Enter reference PLU No.
40	Coupled PLU Dept.	(0~99) Enter coupled PLU department
41	Coupled PLU No.	(0~999999) Enter coupled PLU No.
42	# of Link PLU	(0~2) Enter the number of linked PLU.

No	Item	Description
43	★Link PLU1 Dept.	(0~99) Enter PLU1 department No.
44	★Link PLU1 No.	(0~999999) Enter PLU1 No.
45	★Link PLU2 Dept.	(0~99) Enter PLU2 department No.
46	★Link PLU2 No.	(0~999999) Enter PLU2 No.

* These items are shown on the display when you select By Weight PLU.

☆These items are shown on the display when you select By Count or By PCS PLU.

★These items are shown on the display when you input # of Link PLU.

2.1.1 Create By-Weight PLU (Menu code 1120)

(NEW/Edit PLU : MENU → 1. PLU → 2. New/Edit)

◆ You can press the SAVE key at anytime to save the current PLU data and
   if you want to exit without saving, press the ESC key.
 Note: You may experience different item menus. You can modify menu items at menu (1144)

1. Create By-Weight PLU (Menu code 1120)

• Department should be set previously

EX) Department No. = [1] Default
PLU No. : [1]


```
NEW/ EDIT              (1/△ △)
Department No. : [   1] Default
PLU No.        : [   1] No Data or Param
                                   CAS
```
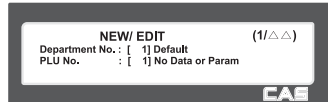
2. Select PLU Type

1. By Weight
2. By Count
3. By PCS

EX) BY-Weight Item
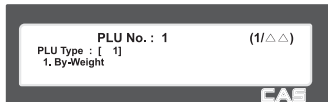
By-Weight PLUs are priced as price-perweight;
for example, $3.99/lb or $1.99/kg.
You must weigh these PLUs before you can
execute a sales transaction.


```
PLU No. :  1           (1/△ △)
PLU Type :  [   1]
  1. By-Weight
                                   CAS
```

3. Enter PLU Name 1

EX) "BEEF"

| B | E | E | F | PRINT |

```
        PLU No. :  1              (2/△ △)
Name 1: [BEEF            ]
                                      CAS
```
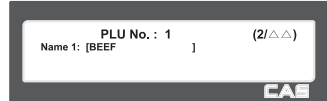
4. Select Group
- You can use Group depending on the Menu code 1220.
- If there is no group for this PLU, enter 0.

EX) 1. Meat

| 1 | PRINT |

```
        PLU No. :  1              (5/△ △)
Group : [  1]
   1. Meat
                                      CAS
```
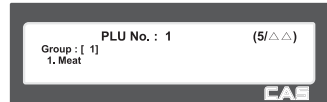
5. Select Origin
- You can use Origin depending on the Menu code 1250.
- If there is no origin for this PLU, enter 0.

EX) 49. China

| 4 | 9 | PRINT |

```
        PLU No. :  1              (8/△ △)
Origin No. : [  1]
   49. China
                                      CAS
```
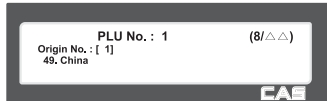
6. Enter Prefix
- If you do not want to use prefix, enter 0.

EX) Do not use prefix

| 1 | PRINT |

```
        PLU No. :  1              (10/△ △)
Prefix : [   1]
                                      CAS
```
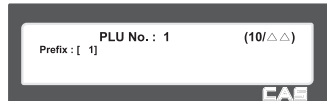
7. Item Code
- If you do not want to use item code, enter 0.

EX) Item Code = 1941

| 1 | 9 | 4 | 1 | PRINT |

```
        PLU No. :  1              (11/△ △)
ItemCode : [ 1941]
                                      CAS
```

8. Price

EX) Price = $10.00

| 1 | 0 | 0 | 0 | PRINT |

```
        PLU No. :  1              (13/△ △)
Price : [  10.00]
                                      CAS
```
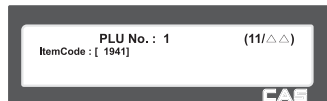
9. Tax No.
• Maybe changed using Menu Code 1231.
If the Global Tax Settings (Menu Code 1541) is
not used.
• If you do not want to use, enter 0.

EX) Tax No. 1

| 1 | PRINT |

```
        PLU No. :  1              (13/△△)
Packed Time : [ 1]

                                        CAS
```
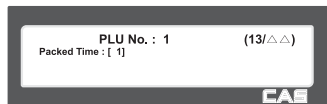
10. Tare
• You can use Tare Table, depending on the
setting of Parameter 584
You can set Tare Table(Menu code 1270)

EX) Tare Value = 100g

| 1 | 0 | 0 | PRINT |

```
        PLU No. :  1              (16/△△)
Tare : [  0.100] Kg

                                        CAS
```

11. Produced Date
• Print Date minus the Input Value in Days.
See chart on next page.

EX) 0 : No print
1 : Print Date – 1 day
2 : Print Date – 2 days

| 1 | PRINT |

```
        PLU No. :  1              (20/△△)
Produced Date : [ 1]

                                        CAS
```
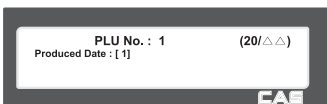
12. Packed Date
• Print Date plus Input Value in Days.
See chart on next page.

EX) 0 : Today
1 : Today + 1 day
2 : Today + 2 days

| 1 | PRINT |

```
        PLU No. :  1              (21/△△)
Packed Date : [ 1]

                                        CAS
```
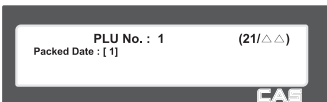
13. Packed Time
• Print Time plus Input Value in Hours.
See chart on next page.

EX) 0 : Hour Printed
1 : Hour Printed + 1 Hour
2 : Hour Printed + 2 Hours

| 1 | PRINT |

```
        PLU No. :  1              (22/△△)
Packed Time : [ 1]

                                        CAS
```
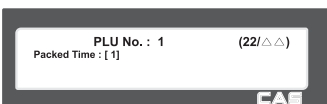
14. Sell By Date
• Packed Date plus Input Value in Days
Minus 1 Day. See Chart on next page.

EX) 1 : Today
2 : Packed date + 1

| 2 | PRINT |

```
        PLU No. :  1              (23/△△)
Sell By Date : [  2]

                                        CAS
```
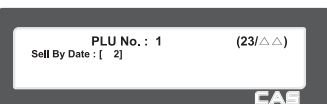
15. Sell By Time
• Packed Time plus Input Value in Hours.
  See Chart on next page.

EX) 0 : Current Time
     1 : Packed Time + 1 Hour

| 1 | 0 | PRINT |

PLU No. : 1   (24/△△)
Sell By Time : [10]

PLU fill in Item	Description	Value				Calculation
		0	1	2	···	
Produced Date	Before Printing Date	No print	Yesterday	Before yesterday	···	Print Date − Input Value(Day)
Packed Date	After Printing Date	Today	Tomorrow	After tomorrow	···	Print Date + Input Value(Day)
Packed Time	After Printing Time	Current	After 1 HR	After 2HR	···	Print Time + Input Value(hour)
Sell by Date	After Packing Date	NO print	Today	Tomorrow	···	Packed Date + Input Value(Day) − 1
Sell by Time	After Packing Time	Current	After 1HR	After 2HR	···	Packed Time + Input Value(hour)
Cook by Date	After Packing Date	NO print	today	tomorrows	···	Packed Date + Input Value(Day) − 1

16. Ingredient No.
• You can use Ingredient depending on the
  Menu code 1310.
• If there is no ingredient for this, enter 0.

EX) Do not use ingredient

| 0 | PRINT |

PLU No. : 1   (26/△△)
Ingredient No. : [0]

17. Sales Massage No.
• If you do not want to use, enter 0
  Note : You can preset sales massage at meny
  code(1241)

EX) Sales Message 1

| 1 | PRINT |

PLU No. : 1   (30/△△)
Sales Msg No. : [0]
  1, Thank You

18. Reference PLU Department
• If you do not want to use, enter 0

EX) Reference PLU Department = 0

| 0 | PRINT |

PLU No. : 1   (31/△△)
Reference PLU Dept : [0]

19. Reference PLU No.
• If you do not want to use, enter 0

EX) Reference PLU No. = 0

Usage is possible to register the reference key
at 1880 in order to use the No. 36~37 reference
PLU.

| 0 | PRINT |

PLU No. : 1   (32/△△)
Reference PLU No. : [0]

2.1.2 Create By-Count PLU (Menu code 1120)

(MENU → 1. PLU → 2. New/Edit)

※ Showing only the different parts of PLU items

◆ You can press the SAVE key at anytime to save the current PLU data
and if you want to exit without saving, press the ESC key.

1. Enter Department No. / PLU No.
  • Department should be set previously
  EX) Department # = 1. Default
  PLU # = 2


```
NEW / EDIT
Department No. : [   1] Default
PLU No.      : [   2] No Data or Param
```

2. Select PLU Type
  1. By Weight
  2. By Count
  3. By PCS

  EX) BY-Count Item


```
PLU No. : 2                (1/△△)
PLU Type : [   2]
2. By-Count
[SAVE]=Save [ESC]=Escape
```

3. Enter PLU Name 1

  EX) PEAR


```
PLU No. : 2                (2/△△)
Name 1: [PEAR            ]
[SAVE]=Save [ESC]=Escape
```

4. Qty Unit No.

  EX) Qty Unit No. 6


```
PLU No. : 2                (11/△△)
Qty Unit No. : [ 6]
[SAVE]=Save [ESC]=Escape
```

5. Price

  EX) Price = $10.00


```
PLU No. : 2                (13/△△)
Price : [  10.00]
[SAVE]=Save [ESC]=Escape
```

2.1.3 Create By-PCS PLU (Menu code 1120)

(MENU → 1. PLU → 2. New/Edit)

※ Showing only the different pars of PLU field
  By-PCS PLU is used depending on the Parameter 593.

◆ You can press the SAVE key at anytime to save the current PLU data
  and if you want to exit without saving, press the ESC key.

1. Enter Department No. / PLU No.
  • Department should be set previously.

  EX) Department # = 1. Default
  PLU # = 2

| 1 | PRINT | | 3 | PRINT |

```
          NEW / EDIT
Department No. : [  1] Default
PLU No.    : [  3] No Data or Param
                              CAS
```
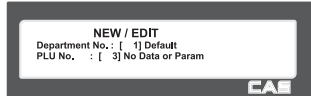
2. Select PLU Type
  1. By Weight
  2. By Count
  3. By PCS

  EX) BY-PCS Item

| 3 | PRINT |

```
        PLU No. :  3              (1/△△)
PLU Type  : [   3]
3. By-PCS
[SAVE]=Save  [ESC]=Escape
                              CAS
```

3. Enter PLU Name1

  EX) CAKE

| C | A | K | E | PRINT |

```
        PLU No. :  3              (2/△△)
Name 1: [CAKE            ]
[SAVE]=Save  [ESC]=Escape
                              CAS
```
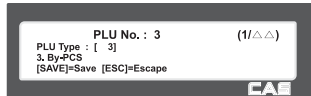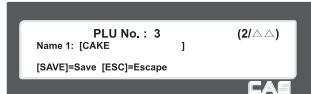
4. Pieces
  • If you enter 0 , it is regarded as 1.

  EX) 10 piece

| 1 | 0 | PRINT |

```
        PLU No. :  3             (11/△△)
Pieces : [  10]
[SAVE]=Save  [ESC]=Escape
                              CAS
```

5. Qty Unit No.

  EX) Qty Unit No. 6

| 6 | PRINT |

```
        PLU No. :  3             (12/△△)
Qty Unit No. : [  6]
[SAVE]=Save  [ESC]=Escape
                              CAS
```

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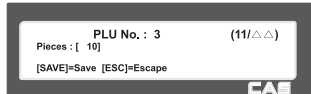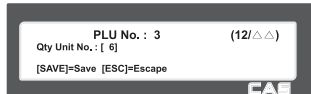
2.1.4 Editing PLU (Menu code 1120)

(MENU → 1. PLU → 2. New/Edit)

◆ You can call up existing PLU information for edit.

2.1.5 Management(Menu code 1140)

2.1.5.1 Copying PLU (Menu code 1141)

(MENU → 1. PLU→ 4. Management → 1. Copy)

• If there is a similar PLU, you can copy it.

1. Select Source
  • Enter the Department No. and PLU No.
   that you wish to copy

  EX) Source Department # = 1
     Source PLU # = 1

Note : If PLU number exists in destination
department you will be asked to confirm
the copy.

1	PRINT	1	PRINT

```
          COPY              (1/2)
Source Dept. No. : [  1] Grocery
Source PLU No.  : [  1] Potato
                             CAS
```

2. Select Destination
  • Enter the Department number where the
   New PLU(s) will be located
  • Enter the PLU number that you wish to
   copy the Source PLU into

  EX) Destination Department # = 2
     Destination PLU # = 1

  Note : If PLU number exists in destination
     department you will be asked to confirm
     the move

2	PRINT	1	PRINT

```
          COPY              (2/2)
Dest. Dept. No. : [  2] vegetable
Dest. PLU No.  : [  1] No Data
                             CAS
```

2.1.5.2 Deleting PLU (Menu code 1142)

(MENU → 1. PLU→ 4. Management → 2. Delete)

• If There are three ways to delete PLU. Simply enter the number that you wish to delete.

EX) Press 1 key to select Delete by PLU
    No.

```
[ 1 ]  PRINT
```

```
        DELETE              (1/1)
1. Delete by PLU No.
2. Delete by Dept. No.
3. Delete All
                            CAS
```

EX) Department No. : 1
      PLU No. : 1

```
[ 1 ]  PRINT    [ 1 ]  PRINT
```

Note: There is no confirmation request for
 deletion. After entering the PLU number and
 pressing Print, the PLU will be deleted.

```
       DELETE BY PLU NO       (2/2)
Department No. : [  1] Grocery
PLU No. : [   1]
                            CAS
```

2.1.5.3 Moving PLU (Menu code 1143)

(MENU → 1. PLU→ 4. Management → 3. Move)

• All the PLU information will move with commend (discount, Tax, barcode type, etc)

1. Select Source
   • Enter the Department No. and PLU No.
   which you wish to move

   EX) Source Department # = 1
      Source PLU # = 1

```
[ 1 ]  PRINT    [ 1 ]  PRINT
```

```
         MOVE               (1/2)
Source Dept. No. : [  1] Grocery
Source PLU No.  : [  1] Potato
                            CAS
```

2. Select Destination
   • Enter the Department number where the
   PLU(s) will be located
   • Enter the PLU number that you wish to
   move the Source PLU into
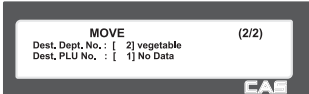
   EX) Destination Department # = 2
      Destination PLU # = 1

```
[ 2 ]  PRINT    [ 1 ]  PRINT
```

```
         MOVE               (2/2)
Dest. Dept. No. : [  2] vegetable
Dest. PLU No.  : [  1] No Data
                            CAS
```

Note : If PLU number exists in destination
department you will be asked to confirm
the move

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2.1.5.4 Selecting PLU field Items (Menu code 1144)

(MENU → 1. PLU→ 4. Management → 4. Select PLU items

• If you enter N, you cannot use that item when you create PLU.

To enter Y, press Y key or 1 key.
To enter N, press N key or 0 key.

```
          SELECT PLU ITEMS       (1/10)
Name2    : [N]
Name3    : [N]
Group No. : [Y]
                            CAS
```
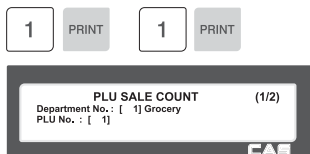
Note: You can use the **PG UP** and **PG DOWN** keys to navigate from page to page,
or you can use the Arrow keys to go through each page 1 line at a time.
A list of all available PLU Field Items can be found at the beginning of Section 2.1.

2.1.5.5 PLU Sale Count(Menu code 1145)
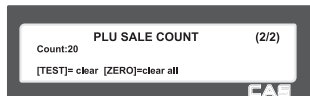
(MENU → 1. PLU→ 4. Management → 5. PLU Sale Count

You can count each PLU sale and also you can clear this count.

•The Sale Count function is used to keep track
of the number of times a label has been issued
for a particular PLU without having to use the
Report Menu.

```
 1     PRINT      1     PRINT
```

```
          PLU SALE COUNT         (1/2)
Department No. : [   1] Grocery
PLU No. : [   1]
                            CAS
```

• To clear the selected PLU Sale Count,
press the TEST key. To clear all PLU Sale
Counts press the ZERO key.

```
          PLU SALE COUNT         (2/2)
Count:20
[TEST]= clear  [ZERO]=clear all
                            CAS
```

2.1.6 Listing PLU (Menu code 1150)

(MENU → 1. PLU → 5. List)

Note: Finding PLU; You need to know department # and PLU #.

1. Enter Department No.
  • Enter department number that you wish to
    see

  EX) Department No. 1

```
[ 1 ] [ PRINT ]
```

```
                    List            (1/2)
Department No.: [ 1]
                                    CAS
```

2. Enter PLU Range

  EX) PLU 1~10

• Press Print Key to List PLU's on screen.
After PLU's are listed on the screen pressing
the TEST key will print the PLU's.

  Note: Printing should be done on continuous
  label stock.

```
[ 1 ] [ PRINT ]   [ 1 ] [ 0 ] [ PRINT ]
```

```
                    List            (2/2)
Start PLU No   : [    1]
End PLU No     : [   10]
List All • press "SAVE" key
                                    CAS
```

```
              No.  Reference(descript)
1   1   BEEF
2   2   CAKE
3   3   PEAR
                                    CAS
```

2.1.7 Sample Printing (Menu code 1170)

(MENU → 1. PLU → 7. Sample Printing)

• Used to enable printing a sample PLU label

  EX) If set to Yes, when editing an existing PLU or creating a new one, depressing
      the SAVE key will result in a label being printed with that PLU's information on it.

2.2 Programming PLU Data Table I

In the CL5000 series, PLU's are organized by Departments and sometimes Groups as shown in the figure below. It is important to understand this structure to take advantage of the CL5000 series sophisticated features regarding Label formats, X and Z reports, etc.

Note: Groups can cross-over the hierarchy of the department structure. You can organize PLU's by manufacturer, sales promotions, price range, etc.
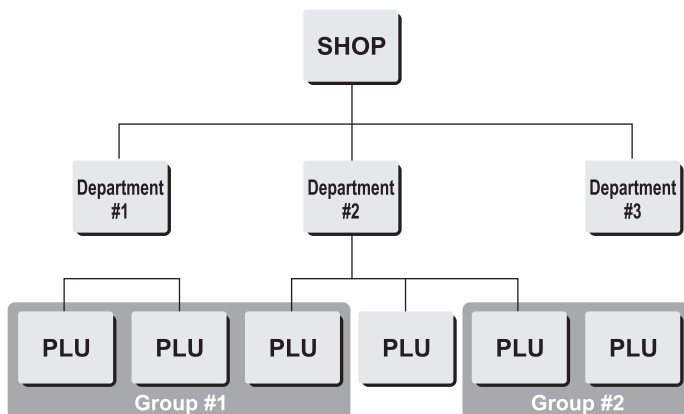
Note: The CL5000 series has a sophisticated discount price programming function. The discount price function can be programmed in great detail. Programming may be done very easily using the PC software program CL-Works.

2.2.1 Department (Menu code 1210)

(MENU → 2. PLU Data Table I → 1. Department)

The CL5000 series can be programmed to have up to 99 different departments with like PLU numbers in each department. The Scale ID setting (Menu 1830) determines which PLU's an operator will be able to access on that scale. The operator will only be able to call up PLU's assigned to the Department Number programmed in the Scale ID setting. The Department number can be changed to access the different departments programmed in the scale. Each Department also has a specific Speed Key Set assigned to it in Menu 1830.

2.2.1.1 New/Edit Department (Menu code 1211)

(MENU → 2. PLU Data Table I → 1. Department → 1. New/Edit)

◆ You can press the SAVE key at anytime to save the current data and if
you want to exit without saving, press the ESC key.

1. Department Number
• Department number is available 1 to 99.

EX) Department No. = 2

| 2 | PRINT |

```
         NEW / EDIT DEPARTMENT   (1/2)
Department No. : [ 2 ]
                                    CAS
```

2. Department Description

EX) Department Description = GROCERY

| G | R | O | C | E | R | Y | PRINT |

```
         NEW / EDIT DEPARTMENT   (2/2)
Description : [ GROCERY              ]
Speed Key Set No: [ ]
                                    CAS
```

3. Speed Key Setting
• Refer to 2.6 Speed Key

EX) Speed key set no. = 1

Note: You can select from 5 different Speed
Key sets. Refer to Section 2.6 Speed Key
Set No.

| 1 | PRINT |

```
         NEW / EDIT DEPARTMENT   (2/2)
Description : [ GROCERY              ]
Speed Key Set No: [ 1 ]
                                    CAS
```

2.2.1.2 List Department (Menu code 1212)

(MENU → 2. PLU Data Table I → 1. Department → 2. List)

**1. Enter the range of Departments
wish to see.**

EX) Department 1 to 10

• If you want to print list, press the TEST key.

• Press Print Key to List Departments on
screen. After Departments are listed on the
screen pressing the TEST key will print the
Departments.

| 1 | PRINT | | 1 | 0 | PRINT |

```
         LIST DEPARTMENT          (1/1)
• Start Number  : [    1]
• End Number    : [   10]
List All-press  [SAVE] key
                                    CAS
```

```
         No.  Reference (descript)
1   1  Default
2   1  GROCERY
                                    CAS
```

2.2.1.3 Delete Department (Menu code 1213)

(MENU → 2. PLU Data Table I → 1. Department → 3. Delete)

1. Enter Department number

EX) Delete department 2

Note: There is no confirmation request when
deleting a Department. Pressing the PRINT
key will cause the Department entered to be
deleted.

Caution : You can't delete department 1 for
keep system's security

```
  ┌───┐  ┌───────┐
  │ 2 │  │ PRINT │
  └───┘  └───────┘
```

```
┌─────────────────────────────────────┐
│         DELETE DEPARTMENT      (1/1) │
│  Department No. : [ 2]  GROCERY       │
│                                  CAS  │
└─────────────────────────────────────┘
```

2.2.2 Group (Menu code 1220)

(MENU → 2. PLU Data Table I → 2. Group)

The Group menu is used to allow PLU's to be grouped regardless of their Department
assignments. A PLU must be assigned to a Department but does not have to be
assigned to a Group. The User may assign PLU's to a Group for the purpose of tracking
sales promotions, manufacturer's information, price ranges, etc.

2.2.2.1 New/Edit Group (Menu code 1221)

(MENU → 2. PLU Data Table I → 1. Group → 1. New/Edit)
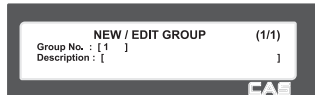
You Can press the SAVE key at anytime to save the current data and if you want to
exit without saving, press the ESC Key.

1. Enter Group Number
• Group number is available 1 to 99.

EX) Group No = 1

```
  ┌───┐  ┌───────┐
  │ 1 │  │ PRINT │
  └───┘  └───────┘
```

```
┌─────────────────────────────────────┐
│         NEW / EDIT GROUP       (1/1) │
│  Group No. : [ 1    ]                 │
│  Description : [                    ] │
│                                  CAS  │
└─────────────────────────────────────┘
```

2. Enter Group Description

EX) Group Description = BAGEL

```
┌───┐ ┌───┐ ┌───┐ ┌───┐ ┌───┐ ┌───────┐
│ B │ │ A │ │ G │ │ E │ │ L │ │ PRINT │
└───┘ └───┘ └───┘ └───┘ └───┘ └───────┘
```

```
┌─────────────────────────────────────┐
│         NEW / EDIT GROUP       (1/1) │
│  GROUP No. : [1    ]                  │
│  Description : [BAGEL               ] │
│                                  CAS  │
└─────────────────────────────────────┘
```

2.2.2.2 List Group (Menu code 1222)

(MENU → 2. PLU Data Table I → 2. Group → 2. List)

1. Set the group range that you wish to see

EX) Groups 1~10

•Press Print Key to List Groups on screen.
 After Groups are listed on the screen,
 pressing the TEST key will print the Groups.

| 1 | PRINT | 1 | 0 | PRINT |

```
              LIST GROUP              (1/1)
  • Start Number  : [    1]
  • End Number    : [   10]
  List All-press  [SAVE] key
                                        CAS
```

```
              No.  Reference (descript)
  1   BAGEL

                                        CAS
```
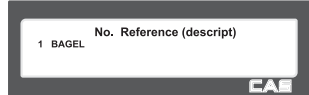
2.2.2.3 Delete Group (Menu code 1223)

(MENU → 2. PLU Data Table I → 2. Group → 3. Delete)

1. Enter group number

EX) Delete group 1.

Note: There is no confirmation request when
deleting a Group. Pressing the PRINT key
will cause the Group entered to be deleted.

| 1 | PRINT |

```
              DELETE GROUP             (1/1)
  Group No : [ 1] BAGEL

                                        CAS
```

2.2.3 Tax Rate (Menu code 1230)

(MENU → 2. PLU Data Table I → 3. TAXRate)

You can use tax number when you create PLU.

Note: Tax Rate programming requires that a Level 3 Password be entered. See Section 2.14.6 User/Security Configuration.

2.2.3.1 New/Edit Tax Rate (Menu code 1231)

(MENU → 2. PLU Data Table I → 3. TAX Rate → 1. New/Edit)

1. Enter tax number
  • TAX number is available 1 to 9
  EX) TAX No. =1

| 1 | PRINT |

```
NEW/EDIT TAX RATE            (1/2)
TAX No. : [1]
                                CAS
```

2. Set Tax Type
  • See Tax Type table as below.
  EX) Internal TAX Type

| 0 | PRINT |

```
NEW/EDIT TAX RATE            (2/2)
TAX TYPE (0=Int/1=Ext)  : [0]
TAX Rate : [  0.00] %
                                CAS
```

Item	Symbol	Description
Internal TAX	0	Tax is included in total price
External TAX	1	Tax is added on total price

※ Refer to menu code 1873(T.price = price + Tax) on chapter 2.14.7

3. Enter Tax Rate

  EX) Tax Rate = 5.00%

| 5 | 0 | 0 |

.

```
NEW/EDIT TAX RATE            (2/2)
TAX TYPE (0=Int/1=Ext)   : [0]
TAX Rate : [  5.00] %
                                CAS
```

4. Exit Menu
  • If you want to exit, press ESC key.

| ✕ |
| ESC |

2.2.3.2 List Tax Rate (Menu code 1232)

(MENU → 2. PLU Data Table I → 3. TAX Rate → 2. List)

1. Set the range of tax rate

EX) 1~9

Press Print Key to List Tax Rates on screen.
After Tax Rates are listed on the screen,
pressing the TEST key will print the Tax
Rates.

| 1 | PRINT | | 9 | PRINT |

```
LIST TAX RATE                    (1/1)
• Start Number  : [    1]
• End Number     : [    9]
List All-press  [SAVE] key
                                  CAS
```

```
No.  Reference (descript)
1  I    5.00%
                                  CAS
```
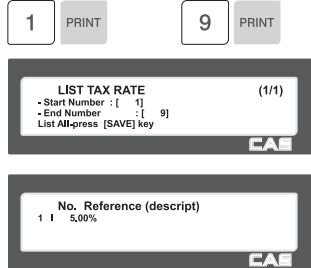
2.2.3.3 Delete Tax Rate (Menu code 1233)

(MENU → 2. PLU Data Table I → 3. TAX Rate → 3. Delete)

1. Enter tax number

EX) Delete tax number 1

Note: There is no confirmation request when
deleting a Tax Rate. Pressing the PRINT key
will cause the Tax Rate entered to be deleted.

| 1 | PRINT |

```
DELETE TAX RATE                  (1/1)
TAX No. : [ 1]
                                  CAS
```
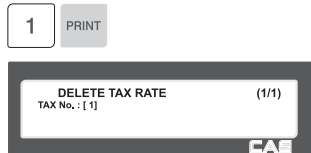
2.2.4 Sales Message (Menu code 1240)

(MENU → 2. PLU Data Table I → 4. Sales Message)

Sales message can be printed on PLU labels so long as the format that you
use contains a Sales Message field. This is a great tool for advertising and
cross-marketing products.

2.2.4.1 New/Edit Sales Message (Menu code 1241)

(MENU → 2. PLU Data Table I → 4. Sales Message → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter Message Number
• Message number is available 1 to 99

EX) Message No. = 1

> 1 PRINT

> **NEW/EDIT SALES MESSAGE** (1/1)
> Message No. : [1]
> Message : [ ]
> CAS
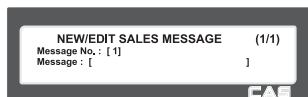
2. Enter Message
EX) Message = THANK YOU

Note: You can use lower case letter and special symbol by pressing shift / ASCII code

> T H A N K
>
> SPACE Y O U PRINT

> **EW/EDIT SALES MESSAGE** (1/1)
> Message No. : [1]
> Message : [THANK YOU]
> CAS

3. Exit Menu
• If you want to exit, press ESC key.

> × ESC
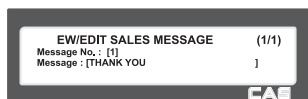
2.2.4.2 List Sales Message (Menu code 1242)

(MENU → 2. PLU Data Table I → 4. Sales Message → 2. List)

1. Set the List Range
• Set the range of sales message that you wish to check

EX) 1~10

• Press Print Key to List Sales Messages on screen. After Sales Messages are listed on the screen, pressing the TEST key will print the Sales Messages.

> 1 PRINT 1 0 PRINT

> **LIST SALES MESSAGE** (1/1)
> • Start Number : [1]
> • End Number : [10]
> List All • press [SAVE] key
> CAS

> **No. Reference (descript)**
> 1 THANK YOU
> CAS
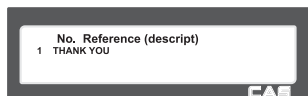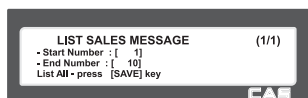
2.2.4.3 Delete Sales Message (Menu code 1243)

(MENU → 2. PLU Data Table I → 4. Sales Message → 3. Delete)

1. Enter Message No.

EX) Delete message 1.

Note: There is no confirmation request when
deleting a Sales Message. Pressing the PRINT
key will cause the Sales Message entered to
be deleted.

```
 1   PRINT
```

```
DELETE SALES MESSAGE          (1/1)
Message No : [ 1]
                                    CAS
```

2.2.5 Origin (Menu code 1250)

(MENU → 2. PLU Data Table I → 5. Origin)

To print the Country of Origin on a Label, the Label Format being used must contain
an Origin Field. You can also print the Country of Origin in one of the Commodity
Name Lines by using Menu Code 1872. Again, your Label Format must have an area
available to print the Origin.

2.2.5.1 New/Edit Origin (Menu code 1251)

(MENU → 2. PLU Data Table I → 5. Origin → 1. New/Edit)

※ You can press the SAVE key at anytime to save the current data and
   if you want to exit without saving, press the ESC key.

1. Enter Origin No.
   • Origin number is available 1 to 500
   +
   EX) Origin No = 10

```
 1   0   PRINT
```

```
NEW/EDIT ORIGIN               (1/1)
Origin No. [ 10]
Origin   : [                         ]
                                    CAS
```

2. Enter Origin

   EX) Origin = KOREA

```
 K   O   R   E   A   PRINT
```

```
NEW/EDIT ORIGIN               (1/1)
Origin No. [ 10]
Origin   : [ KOREA                   ]
                                    CAS
```

3. Exit Menu
   • If you want to exit, press ESC key.

```
 ×
ESC
```

2.2.5.2 List Origin (Menu code 1252)

(MENU → 2. PLU Data Table I → 5. Origin → 2. List)

1. Set the List Range
  • Set the range of origin that you wish to check

  EX) Origins 1~20

  • Press Print Key to List Origins on screen.
  After Origins are listed on the screen,
  pressing the TEST key will print the Origins.

```
 1   PRINT     2   0   PRINT
```

```
        LIST ORIGIN              (1/1)
  • Start Number  : [    1]
  • End Number    : [   20]
  List All - Press [SAVE] Key
                                  CAS
```

```
     No.  Reference (descript)
   10   KOREA

                                  CAS
```

2.2.5.3 Delete Origin (Menu code 1253)

(MENU → 2. PLU Data Table I → 5. Origin → 3. Delete)

1. Enter Origin No.

  EX) Delete Origin 10.

  Note: There is no confirmation request when
  deleting a Origin. Pressing the PRINT key
  will cause the Origin entered to be deleted.

```
 1   0   PRINT
```

```
       DELETE ORIGIN             (1/1)
  Origin No. [ 10]

                                  CAS
```

2.2.6 Barcode (Menu code 1260)

(MENU → 2. PLU Data Table I → 6. Barcode)

Up to 99 different Bar Code Formats can be programmed in the CL5000 series. Different BarCode Formats can be assigned to individual PLU's or one Bar Code Format can be used for all PLU's by enabling the Global Barcode Format Setting (Menu 1520).

2.2.6.1 New/Edit Barcode (Menu code 1261)

(MENU → 2. PLU Data Table I → 6. Barcode → 1. New/Edit)

1. Enter Barcode No.
  • This value can be from 1 to 99.

  EX) Barcode No = 1

```
 1   PRINT
```

```
      NEW/EDIT BARCODE           (1/2)
  Barcode No : [ 1]
  Description : [                    ]
                                  CAS
```

2. Barcode Description.

EX) Barcode Description = EAN13-1

| E | A | N | 1 | 3 | DISC(-) DEL | 1 | PRINT |

```
NEW/EDIT BARCODE              (1/2)
Barcode No : [ 1]
Description : [EAN13-1                    ]
                                      CAS
```
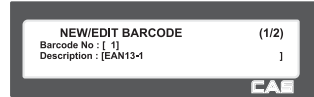
3. Barcode Type
• Reference following table.

EX) Barcode Type = 1. EAN-13

```
1    PRINT
```

```
NEW/EDIT BARCODE              (2/2)
Type  :  [ 1] EAN-13
Form (0~4) : [0]
            User Defined Barcode
                                      CAS
```
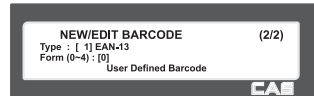
▶ type of Barcode

No.	Type	Description
1	EAN-13	13digit
2	EAN13A5	13digit + 5digit
3	EAN-8	8 digit
4	I20F5	2~24 digit
5	UPCA	12 digit
6	UPC-13	13 digit
7	CODE39	Alphanumeric character, Format 'T', prints out the name of PLU. 2~13 Character
8	CODE93	Alphanumeric character, Format 'T', prints out the name of PLU. 2~19character
9	CODE128	2~30 digit
10	CODABAR	2~20 digit

4. Enter Barcode Form
• You can select from a list of Barcode types or you can create your own custom format
• Refer to following table.

EX) Barcode Form = 1. Change
DDIIIIIPPPPPC to GGIIIIIVPPPPC

```
1    PRINT     G    G    PRINT
```

```
NEW/EDIT BARCODE              (2/2)
Type  :  [ 1] EAN-13
Form (0~4) : [1]
            DDIIIIIPPPPPC
                                      CAS
```

```
BARCODE NO. 1 :  1            (2/2)
Type  :  [ 1] EAN-13
From (0~4) : [1]
            [GGIIIIIPPPPPC            ]
                                      CAS
```
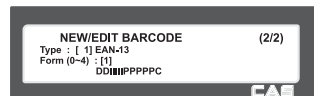
▶ The following defines the format characters for Barcode Formats : Example EAN13)

Form No.	Format	Form No.	Format
0	User Defined Barcode	3	DIIIIIPPPPPPC
1	DDIIIIIPPPPPC	4	DIIIIIIPPPPPC
2	DDIIIIIPPPPPPC		

▶ The following defines the format characters for Barcode Formats: (Example)

No.	Symbol	Description
1	I	• item code
2	N	• PLU number
3	P	• price
4	V	• price check digit (It is created automatically)
5	U	• unit price
6	W	• weight
7	Q	• quantity
8	D	• department
9	G	• group
10	K	• country code (For future)
11	A	• ticket counter (Only for ticket)
12	B	• scale transaction counter
13	C	• total barcode check sum (It is created automatically)
14	F	• PLU prefix character
15	T	• text character
16	R	• transaction counter for each PLU
17	L	• clerk number
18	v	• weight check digit (It is created automatically)
19	O	• Packed date
20	S	• Tare value
21	%	• % : print next fixed character*
22	0~9	• numbers

*% : It is used to enter characters therefore you can 't use this to enter numbers.

5. Exit Menu
   • If you want to exit, press ESC key.

2.2.6.2 List Barcode (Menu code 1262)

(MENU → 2. PLU Data Table I → 6. Barcode → 1. List)

1. Set the list range
  • Set the range of barcode that you wish to
   Check

  EX) Barcodes 1~10

  • Press Print Key to List Barcodes on screen.
   After Barcodes are listed on the screen,
   pressing the TEST key will print the Barcodes.

```
 1  PRINT    1   0  PRINT
```

```
       LIST BARCODE              (1/1)
 • Start Number  : [    1]
 • End Number    : [   10]
 List All • Press [SAVE] Key
                                 CAS
```

```
   No.  Reference (descript)
 1   GG▮▮▮PPPPPC   EAN13-1
                                 CAS
```
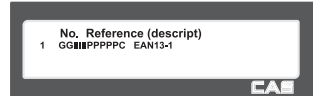
2.2.6.3 Delete Barcode (Menu code 1263)

(MENU → 2. PLU Data Table I → 6. Barcode → 3. Delete)

1. Enter barcode number to delete

  EX) Delete barcode 1.

  Note: There is no confirmation request when
  deleting a Barcode. Pressing the PRINT key
  will cause the Barcode entered to be deleted.

```
 1  PRINT
```

```
       DELETE BARCODE            (1/1)
 Barcode No : [ 1]
                                 CAS
```

2.2.7 Tare (Menu code 1270)

(MENU → 2. PLU Data Table I → 7. Tare)

The CL5000 series can be programmed to use a Tare No. instead of a numeric
value.(System Parameter 584) If you are using Tare Numbers they should be
programmed prior to programming any PLU's that use a Tare weight.

Note: Tare weights for use in Tare No.'s can be programmed using the known numeric
value or by placing the actual container on the scale.

2.2.7.1 New/Edit Tare (Menu code 1271)

(MENU → 2. PLU Data Table I → 7. Tare → 1. New/Edit)

1. Enter Tare No.
• This value can be from 1 to 99.

EX) Tare No. = 1

| 1 | PRINT |

```
NEW/EDIT TARE                    (1/2)
Tare No. :  [ 1]
Description : [                  ]
                                  CAS
```

2. Tare Description

EX) Tare Description = Container

| C | O | N | T | A | I |

| N | E | R | PRINT |

```
NEW/EDIT TARE                    (1/2)
Tare No. :  [ 1]
Description  : [CONTAINER        ]
                                  CAS
```

3. Tare Type
• There are 2 types of Tare Weights that can
be entered.

Ex.) Tare Type = 1 Numeric Type
Enter the numeric value using the number keys

Ex.)Tare Type = 2 Weight Type
Place the container on the platter and press
the PRINT key after the weight stabilizes.

| 1 | PRINT |

```
NEW/EDIT TARE                    (2/2)
Tare Type :  [ 1]  → Numeric Tare
Tare  : [ 0.000]kg
                                  CAS
```

▶ Type of Tare

Tare No.	Type of Tare	Description
1	Numeric Tare	Enter tare weight by using numeric keys.
2	Weight Tare	Put a container on the platter

4. Enter Tare Value

EX) Tare = 0.010 Kg

| 1 | 0 | PRINT |

```
NEW/EDIT TARE                    (2/2)
Tare Type :  [ 1]   → Numeric Tare
Tare  : [ 0.010]kg
                                  CAS
```

5. Exit Menu
   • If you want to exit, press ESC key.

   ※ If you set Tare No. to 1 when you create
     PLU, tare is set to 0.010kg that is
     programmed here.

2.2.7.2 List Tare (Menu code 1272)

(MENU → 2. PLU Data Table I → 7. Tare → 2. List)

1. Set the list range
   • Set the range of Tare No.'s that you wish to
     check

   EX) Tare No. 1~10

   • Press Print Key to List Tare No.'s on screen.
     After Tare No.'s are listed on the screen,
     pressing the TEST key will print the Tare
     No.'s.

```
LIST TARE                    (1/1)
• Start Number  : [    1]
• End Number    : [   10]
List All - Press [SAVE] Key
                                CAS
```

```
No.  Reference (descript)
1   1  0.010kg  CONTAINER

                                CAS
```
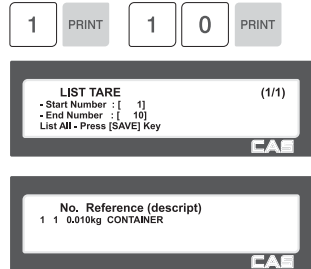
### 2.2.7.3 Delete Tare (Menu code 1273)

(MENU → 2. PLU Data Table I → 7. Tare → 3. Delete)

1. Enter tare number to delete

   EX) Delete tare no. 1

   Note: There is no confirmation request when
   deleting a Tare No. Pressing the PRINT key
   will cause the Tare No. entered to be deleted.

```
DELETE TARE                  (1/1)
Tare No. : [ 1]

                                CAS
```
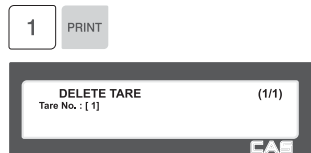
2.2.7.4 Tare Key (Menu code 1274)

(MENU → 2. PLU Data Table I → 7. Tare→ 4. Tare Key)

This menu allows you to assign the Tare No.'s (Menu 1271) to Tare Keys. Tare Keys must be programmed using Menu 1880 Function Key Define. There is a maximum of 9 Tare Function Keys available.

Note: When Special Function Keys are programmed they take the place of PLU Speed Keys, reducing the number of Speed Keys accordingly.

1. Enter tare Key.

EX) Tare Key = 1

```
┌───┐  ┌───────┐
│ 1 │  │ PRINT │
└───┘  └───────┘
```

```
┌──────────────────────────────┐
│  TARE KEY            (1/1)    │
│  Tare Key : [ 1]              │
│  Tare No. : [   ]             │
│                        CAS    │
└──────────────────────────────┘
```

2. Enter tare number

EX) Tare No = 1

```
┌───┐  ┌───────┐
│ 1 │  │ PRINT │
└───┘  └───────┘
```

```
┌──────────────────────────────┐
│  TARE KEY            (1/1)    │
│  Tare Key : [ 1]              │
│  Tare No. : [ 1]  0.010kg CONTAINER │
│                        CAS    │
└──────────────────────────────┘
```

Note: Tare No.'s can be 1 to 99.
      Tare Keys are 1 to 9 only.
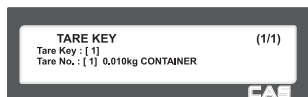
2.2.8 Unit Symbol (Menu code 1280)

(MENU → 2. PLU Data Table I → 8. Unit Symbol)

This menu allows you to program or change the Unit Symbol that will print on the label for Non Weight or By Count PLU's.

2.2.8.1 New/Edit Unit Symbol (Menu code 1281)

(MENU → 2. PLU Data Table I → 8. Unit Symbol → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter unit number
• This value can be from 1 to 8.

EX) Qty Unit No. = 1

```
┌───┐  ┌───────┐
│ 1 │  │ PRINT │
└───┘  └───────┘
```

```
┌──────────────────────────────┐
│  NEW/EDIT UNIT SYMBOL   (1/1) │
│  Qty Unit No. [1]             │
│  Symbol : [      ]            │
│                        CAS    │
└──────────────────────────────┘
```
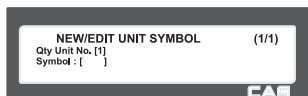
2. Enter unit symbol
EX) Symbol = ™

| CHAR | 9 | 9 | PRINT |

※ If you want to enter special symbol, press
the CHAR key and enter the code value.
(See ASCII code table on chapter 4.4)

```
      NEW/EDIT UNIT SYMBOL        (1/1)
Qty Unit No. : [1]
Symbol : [™    ]
                                  CAS
```

3. Exit menu
• If you want to exit, press ESC key.

| ×
ESC |
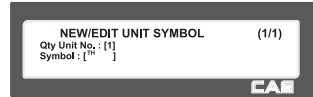
2.2.8.2 List Unit Symbol (Menu code 1282)

(MENU → 2. PLU Data Table I → 8. Unit Symbol → 2. List)

1. Set the list range

| 1 | PRINT | | 8 | PRINT |

EX) Unit Symbols 1~8

• Press Print Key to List Unit Symbol No.'s
on screen.

```
        LIST UNIT SYMBOL          (1/1)
• Start Number  : [    1]
• End Number   : [    8]
List All • Press [SAVE] Key
                                  CAS
```

After Unit Symbol No.'s are listed on the
screen, pressing the TEST key will print the
Unit Symbol No.s.

```
      No.  Reference (descript)
   1  ™
                                  CAS
```
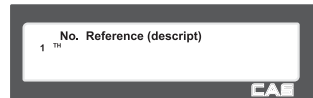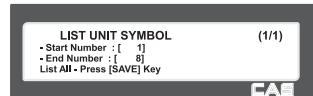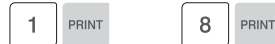
2.2.8.3 Delete Unit Symbol (Menu code 1283)

(MENU → 2. PLU Data Table I → 8. Unit Symbol → 3. Delete)

1. Enter unit symbol number to delete

| 1 | PRINT |

EX) Delete unit symbol 1.

Note: There is no confirmation request when
deleting a Unit Symbol No. Pressing the
PRINT key will cause the Unit Symbol No.
entered to be deleted.

```
       DELETE UNIT SYMBOL         (1/1)
Qty Unit No. [ 1]
                                  CAS
```

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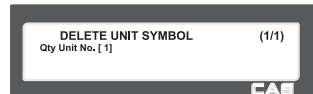
2.3   Programming PLU Data Table II

2.3.1 Ingredient (Menu code 1310)

(MENU → 3. PLU Data Table II → 1. Ingredient)

#### 2.3.1.1 New/Edit Ingredient (Menu code 1311)

(MENU → 3. PLU Data Table II → 1. Ingredient → 1. New/Edit)

◆ You can press the SAVE key at anytime to save the current data and if
you want to exit without saving, press the ESC key.

1. Enter ingredient number.
• This value can be from 1 to 999.

EX) Ingredient number = 1

| 1 | PRINT |

```
NEW/EDIT INGREDIENT              (1/1)
Ingredient No. : [   1]
Ingredients  : [                          ] 1/510
                                           CAS
```

2. Enter ingredient
EX) Ingredient Line1 = SALT
EX) To print "SUGAR" on next line, enter
" ↵" after SALT.

• Note: The numbers on the right side of the
brackets show the total number of characters
used and the maximum number of
characters for the ingredient message.
Pressing the PG UP or PG DOWN key will
move the cursor to the beginning or end of
the brackets respectively.

| S | A | L | T | ↵ |
| S | U | G | A | R | PRINT |

```
NEW/EDIT INGREDIENT              (1/1)
Ingredient No. : [   1]
Ingredients  : [SALT↵SUGAR          ] 1/510
                                           CAS
```

3. Exit menu
• If you want to exit, press ESC key.

| × |
| ESC |

2.3.1.2 List Ingredient (Menu code 1312)

(MENU → 3. PLU Data Table II → 1. Ingredient → 2. List)

1. Set the list range

EX) Ingredient No.'s 1~10

※ Press Print Key to List Ingredient No.'s on screen.
After Ingredient No.'s are listed on the screen, pressing the TEST key will print the Ingredient No.'s

| 1 | PRINT |

| 1 | 0 | PRINT |

```
        LIST INGREDIENT           (1/1)
 • Start Number      : [     1]
 • End Number        : [    10]
 List All • Press [SAVE] Key
                                   CAS
```

```
      No.  Reference(descript)
  1   SALT SUGAR
                                   CAS
```
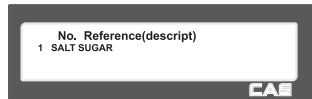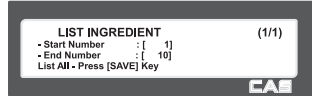
2.3.1.3 Delete Ingredient (Menu code 1313)

(MENU → 3. PLU Data Table II → 1. Ingredient → 3. Delete)

1. Enter ingredient number to delete

EX) Delete ingredient no. 1

Note: There is no confirmation request when deleting an Ingredient No. Pressing the PRINT key will cause the Ingredient No. entered to be deleted.

| 1 | PRINT |

```
       DELETE INGREDIENT          (1/1)
  Ingredient No. : [ 1]
                                   CAS
```

Note : **Method of Using** the Ingredient

1.1 Ingredient

Total of 510 characters can be inputted for the Ingredient in the basic setting. These 510 characters can be used by categorizing them into Ingredient1 and Ingredient2. Categorization code exists to distinguish Ingredient1 and 2. This code can be inputted by using the [CHAR] CODE input key.

Ingredient1 and Ingredient2 are printed onto separate fields in the label format.

Field ID of Ingredient1 is 25, while that for ingredient2 is 26.

1.2 **Inputting** of Ingredient at the **weighing scale**

(1) Input Ingredient1 at the ingredient input window (MENU 1311).

(2) After having inputted Ingredient1, press the [CHAR] key to indicate "0000" in the Unit Price box of the VFD window.

(3) Input categorization code (0x0c). "♀" will be indicated.

[0] + [C] + [PRINT]

※ Space (" ") instead of "♀" can be indicated depending on the country.

(4) After having inputted Ingredient2 after the "♀", press the [SAVE] key.

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2.3.2 Nutrition Facts (Menu code 1320)

Using this menu you can program Nutrition Facts information that can be linked to individual PLU's.
Note: The printing size of the Nutrition Facts may vary depending on the label format selected.

▶ Nutrition Facts table

Nutrition Facts	Description
Serving Size	Text
Serving Per Con	Text
Calories	Cal
Calories From Fat	Cal
Total Fat	g
Saturated Fat	g
Trans Fat	g
Cholesterol	mg
Sodium	mg
Total Carbohydrates	g
Dietary Fibers	g
Sugars	g
Protein	g
Vitamin A	%
Calcium	%
Vitamin C	%
Iron	%

2.3.2.1. New/Edit Nutrition Facts (Menu code 1321)

◆ You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

◆ You can use the **PG UP** and **PG DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

1. Nutrition Fact No
• This value can be from 1 to 500.

EX) Nutrition fact no = 1

```
 1   PRINT
```

```
         NEW/EDIT NUTRIFACT      (1/10)
Nutrition Fact No. : [  1]
Description : [                          ]
                                     CAS
```

2. Enter description

EX) BEEF STEW

```
 B   E   E   F

 S   T   E   W   PRINT
```

```
         NEW/EDIT NUTRIFACT      (1/10)
Nutrition Fact No : [  1]
Description: [BEEFSTEW              ]
                                     CAS
```

3. Enter Serving Size(Text)

EX) Serving size = 1CUP

```
 1   C   U   P   PRINT
```

```
         NEW/EDIT NUTRIFACT      (2/10)
Serving Size  : [1CUP   ]
Serving Per   : [       ]
                                     CAS
```

4. Serving Per Container(Text)

EX) Serving Per Container = 2

```
 2   PRINT
```

```
         NEW/EDIT NUTRIFACT      (2/10)
Serving Size  : [1CUP   ]
Serving Per   : [2      ]
                                     CAS
```

5. Calories

EX) Calories = 230

```
 2   3   0   PRINT
```

```
         NEW/EDIT NUTRIFACT      (3/10)
Calories         : [   230 ]
Calories From Fat : [     0 ]
                                     CAS
```

6. Calories from fat

    EX) Calories From Fat= 120

| 1 | 2 | 0 | PRINT |

NEW/EDIT NUTRIFACT   (3/10)
Calories   : [230]
Calories From Fat: [120]

CAS

7. Total Fat(g)

    EX) Total fat = 14 g

| 1 | 4 | PRINT |

NEW/EDIT NUTRIFACT   (4/10)
Total Fat   : [14] g
Saturated Fat : [0] g

CAS

8. Saturated fat(g)

    EX) Saturated fat = 7 g

| 7 | PRINT |

NEW/EDIT NUTRIFACT   (4/10)
Total Fat   : [14] g
Saturated Fat : [7] g

CAS

9. Trans Fat(g)

    EX) Trans Fat = 1 g

| 4 | 0 | PRINT |

NEW/EDIT NUTRIFACT   (3/7)
Total Fat(9)   : [14]
Saturated Fat(9)   : [7]
Trans Fat(9)   : [1]

CAS

10. Cholesterol(mg)

    EX) Cholesterol = 40 mg

| 4 | 0 | PRINT |

NEW/EDIT NUTRIFACT   (5/10)
Cholesterol : [40] mg
Sodium   : [0] mg

CAS

11. Sodium(mg)

    EX) Sodium = 950 mg

| 9 | 5 | 0 | PRINT |

NEW/EDIT NUTRIFACT   (5/10)
Cholesterol : [40] mg
Sodium   : [950] mg

CAS

12. Total Carbohydrate(g)

    EX) Total Carbohydrate = 16 g

| 1 | 6 | PRINT |

NEW/EDIT NUTRIFACT   (6/10)
Total Carbohydrate : [16] g
Dietary Fibers   : [0] g

CAS

13. Dietary Fibers(g)

EX) Dietary Fiber = 2 g

```
[ 2 ]  PRINT
```

```
         NEW/EDIT NUTRIFACT        (6/10)
Total Carbohydrate : [     16 ] g
Dietary Fibers        : [      2 ] g
                                      CAS
```

14. Sugars(g)

EX) Sugars = 3 g

```
[ 3 ]  PRINT
```

```
         NEW/EDIT NUTRIFACT        (7/10)
Sugars      : [      3 ] g
Protein     : [      0 ] g
                                      CAS
```

15. Protein(g)

EX) Protein = 11 g

```
[ 1 ] [ 1 ]  PRINT
```

```
         NEW/EDIT NUTRIFACT        (7/10)
Sugars      : [      3 ] g
Protein     : [     11 ] g
                                      CAS
```

16. Vitamin A(%)

EX) Vitamin A = 20%

```
[ 2 ] [ 0 ]  PRINT
```

```
         NEW/EDIT NUTRIFACT        (8/10)
Vitamin A     : [     20 ] %
Calcium       : [      0 ] %
                                      CAS
```

17. Calcium(%)

EX) Calcium = 2%

```
[ 2 ]  PRINT
```

```
         NEW/EDIT NUTRIFACT        (8/10)
Vitamin A     : [     20 ] %
Calcium       : [      2 ] %
                                      CAS
```

18. Vitamin C(%)

EX) Vitamin C = 0 %

```
[ 0 ]  PRINT
```

```
         NEW/EDIT NUTRIFACT        (9/10)
Vitamin C     : [      0 ] %
Iron          : [      0 ] %
                                      CAS
```

19. Iron(%)

EX) Iron = 6 %

```
┌─────────────────────────────────┐
│  6     PRINT                     │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────────────┐
│         NEW/EDIT NUTRIFACT      (9/10)    │
│   Vitamin C   : [   0 ] %                 │
│   Iron        : [   6 ] %                 │
│                                    CAS    │
└─────────────────────────────────────────┘
```
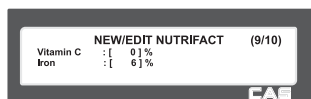
2.3.2.2 List Nutrition Facts (Menu code 1322)

(MENU → 3. PLU Data Table II → 2. Nutrition Facts → 2. List)

1. Set the list range

EX) Nutrition Fact No.'s 1~10

• Press Print Key to List Nutrition Fact No.'s on screen. After Nutrition Fact No.'s are listed on the screen, pressing the TEST key will print the Nutrition Fact No.'s.

```
┌─────────────────────────────────────────┐
│  1    PRINT        8    0    PRINT        │
└─────────────────────────────────────────┘
```

```
┌─────────────────────────────────────────┐
│          LIST NUTRIFACT         (1/1)     │
│   - Start Number  : [   1]                │
│   - End Number    : [     ]               │
│   List All  -  press  [SAVE] key   CAS    │
└─────────────────────────────────────────┘
```
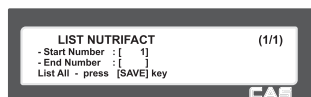
2.3.2.3 Delete Nutrition Facts (Menu code 1323)

(MENU → 3. PLU Data Table II → 2. Nutrition Facts → 3. Delete)

1. Enter nutrition fact number to delete.

EX) Delete nutrition facts no.1

Note: There is no confirmation request when deleting a Nutrition Fact No. Pressing the PRINT key will cause the Nutrition Fact No. entered to be deleted.

```
┌─────────────────────────────────┐
│  1     PRINT                     │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────────────┐
│         DELETE NUTRIFACT        (1/1)     │
│   Nutrition Facts No : [ 1]                │
│                                    CAS    │
└─────────────────────────────────────────┘
```
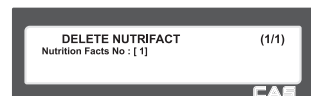
2.4 Discount Programming

2.4.1 Discount (Menu code 1130)

(MENU → 1. PLU → 3. Discount)

The Discount Programming Menu is used to program promotional pricing for individual PLU's. Discount pricing can be accomplished using Menu code 1130 or by using the CL-Works Software. Discount information must be programmed in each PLU.

2.4.1.1 New/Edit Discount (Menu code 1131)

(MENU → 1. PLU → 3. Discount → 1. New/Edit)

◆ You can use the PG UP and PG DOWN keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

1. Enter department number and PLU number.

EX) Department Number = 1
    PLU Number = 1

| 1 | PRINT | | 1 | PRINT |

```
NEW/EDIT DISCOUNT              (1/7)
Department No. : [  1] Default
PLU No.        : [  1] BEEF
                                CAS
```

2. Enter discount type
 • Refer to Discount Type table as below

 ※ Discount information can be different depending on the discount type.

 EX) 1. Unit Price Discount

| 1 | PRINT |

```
WEIGHT DISCOUNT               (2/7)
Discount Type : [  1]
1. Unit Price Discount
                                CAS
```

▶ Discount Type

#	Type	Description
1	Unit Price Discount	- By Weight PLU: Set the discount amount on unit price, depending on weight. - By Count/PCS PLU: Set the discount amount on unit price, depending on number of items.
2	% Unit Price Discount	- By Weight PLU: set discount % of unit price, depending on weight. - By Count/PCS PLU: set discount % of unit price, depending on number of items.
3	Total Price Discount	- Set discount amount for total price.
4	% Total Price Discount	- Set discount % of total price.
5	Fixed Price	- Set a fixed amount for discount.
6	Free Item	- Set free of charge item.
7	Free Addition	- By Weight PLU: Set discount weight. - By Count/PCS PLU: Set discount number
8	Total Price by total price	- Set a discount amount of total price for current total price.
9	% Total Price by Total Price	- Set a discount % of total price for current total price
10	Unit Price by Total Price	- Set a discount amount of unit price for current total price
11	Extra by Total Price	- Set a discount number of item for current total price

※ Please refer to "Parameter" when user wants to also see the unit price discounted on "Unit Price" segment together with total price discounted in display

3. Enter discount value
  • Refer to below table.

  ※ Target unit is different depending on the PLU type. This is By Weight PLU therefore this unit is weight. In case of By count PLU or By PCS PLU, unit is count.

| 1 | 0 | 0 | PRINT |

| 1 | 0 | 0 | PRINT |

```
NEW/EDIT DISCOUNT                    (3/7)
First Target  :  [  0.100] Weight
First Value   :  [   1.00] Price
                                     CAS
```

  EX) 1st Target: 0.100 Kg
  1st Value: 1.00 $
  2nd Target: 0.500 Kg
  2nd Value: 2.00 $

| 5 | 0 | 0 | PRINT |

| 2 | 0 | 0 | PRINT |

```
NEW/EDIT DISCOUNT                    (4/7)
Second Target  :  [  0.500] Weight
Second Value   :  [   2.00] Price
                                     CAS
```

No.	Type	Description
1	First Target Weight	Set weight limit for 1st stage of idscount.
2	First Value Price	Set the discount amount of unit price for the first weight limit.
3	Second Target Weight	Set weight limit for 2nd stage of discount.
4	Second Value Price	Set the discount amount of unit price for the second weight limit.

4. Discount Condition 1:
(Set the day of week)

  1 -> Discount
  0 -> Do not discount
  EX) Discount on Thursday, Friday and Saturday

| 0 | 0 | 0 | 0 |

| 1 | 1 | 1 | PRINT |

```
NEW/EDIT DISCOUNT                    (5/7)
Input '1' or '0'  :  [SMTWTFS]
Day of Week       :  [0000111]
                                     CAS
```

5. Discount Condition 2
(Set date and time)

| 0 | 4 | 0 | 7 | 0 | 1 | PRINT |

| 0 | 4 | 0 | 7 | 3 | 1 | PRINT |

• If you set date and time to 0, it means discount all the time

EX) Start Date: 04-07-01
End Date : 04-07-31

```
NEW/EDIT DISCOUNT              (6/7)
Start Date   : [04:07:01] YY-MM-DD
End Date     : [04:07:31] YY-MM-DD
                                 CAS
```

EX) Start Time: 8am
End Time: 6:30pm

| 0 | 8 | 0 | 0 | 0 | 0 | PRINT |

| 1 | 8 | 3 | 0 | 0 | 0 | PRINT |

```
NEW/EDIT DISCOUNT              (7/7)
Start Time   : [08:00:00] (0..23 Hour
End Time     : [18:30:00] (0..23 Hour
                                 CAS
```

6. Exit menu
• If you want to exit, press the ESC key.

×
ESC

2.4.1.2 List Discount (Menu code 1132)

(MENU → 1. PLU → 3. Discount→ 2. List)

1. Enter department number to check

| 1 | PRINT |

EX) Department No 1.

```
LIST DISCOUNT                 (1/2)
Department No: [ 1]
                                 CAS
```

2. Enter PLU range to check

| 1 | PRINT | | 1 | 0 | PRINT |

EX) PLU No.'s 1~10

Press Print Key to List Discount type of PLU No.'s on screen.

```
LIST DISCOUNT                 (2/2)
Start PLU No  : [    1]
End PLU No    : [   10]
List All - Press ´SAVE´ Key
                                 CAS
```

After Discount type of PLU No.'s are listed on the screen, pressing the TEST key will print the Discount type of PLU No.'s.

2.4.1.3 Delete Discount (Menu code 1133)

(MENU → 1. PLU → 3. Discount → 3. Delete)

◆ There are three ways to delete Discount. Simply enter the number that you wish to delete.

1) Delete by PLU No. (DC) (Menu code 1137)

(MENU → 1. PLU → 3. Discount → 3. Delete → 1. Delete by PLU no.(DC))

EX) Press 1 key to select Delete by PLU No.(DC)

| 1 | PRINT |

```
DELETE                    (1/1)
1. Delete by PLU No. (DC)
2. Delete by Dept. No. (DC)
3. Delete All (DC)
                          CAS
```
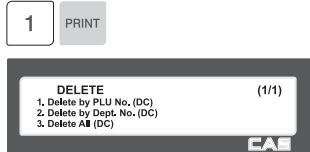
1. Enter the department number and PLU number to delete

EX) Department number = 2
    PLU No. = 1
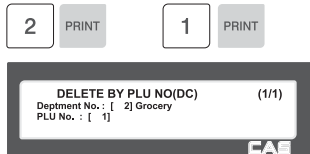
Note: There is no confirmation request when deleting a Discount of a PLU No. Pressing the PRINT key will cause the Discount of the PLU No. entered to be deleted.

| 2 | PRINT |　| 1 | PRINT |

```
DELETE BY PLU NO(DC)          (1/1)
Deptment No. : [  2] Grocery
PLU No. : [  1]
                              CAS
```

2) Delete by Dept. No. (DC) (Menu code 1138)

(MENU → 1. PLU → 3. Discount → 3. Delete → 2. Delete by Dept. No (DC))

EX) Press 2 key to select Delete by Dept.
No.(DC)

| 2 | PRINT |

```
      DELETE                    (1/1)
1. Delete by PLU No. (DC)
2. Delete by Dept. No. (DC)
3. Delete All (DC)
                              CAS
```

1. Enter the department number to delete

| 2 | PRINT |

EX) Department number = 2

```
   DELETE BY DEPT. NO(DC)        (1/1)
Deptment No. : [   2] Grocery
                              CAS
```

Note: There is no confirmation request when
deleting a Discounts by Department No.
Pressing the PRINT key will cause all
Discounts in the Department Number
entered to be deleted.
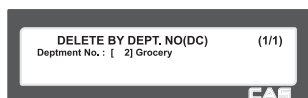
3) Delete ALL (DC) (Menu code 1139)

(MENU → 1. PLU → 3. Discount → 3. Delete → 3. Delete ALL(DC))

EX) Press 3 key to select Delete all(DC)

| 3 | PRINT |

```
      DELETE                    (1/1)
1. Delete by PLU No. (DC)
2. Delete by Dept. No. (DC)
3. Delete All (DC)
                              CAS
```
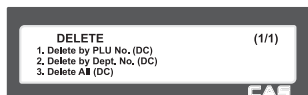
Press 1 key to select Delete all (DC)

| 1 | PRINT |

Note: There is no confirmation request when
deleting all Discounts. Pressing the PRINT
key will cause All Discounts in all
Departments to be deleted.

```
   DELETE ALL(DC)               (1/1)
Are you sure?(1=Y/0=N) [ ]
                              CAS
```
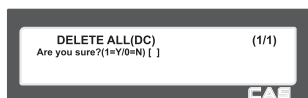
2.5 Global Discount Programming

2.5.1 Global Discount (Menu code 1530)

(MENU → 5. Global Setting → 3. Discount)

This menu is used to select what type of Discount is applied to a PLU. You can select to use a Global Discount for all PLU's, apply Discounts based on individual PLU's or use no Discount at all. Refer to the chart below for all options.

2.5.1.1 Priority Setting (Menu code 1531)

(MENU → 5. Global → 3. Discount → 1. Priority)

This menu is used to determine which Discount will have priority. Refer to the chart below.

Note: Discount information can be seen on the display using Menu code 1871.
(See chapter 2.14.7) Discount information is also printed on the label.

▶ Discount Priority Setting

No	Type	Description
0	No Discount	No discount applied
1	PLU Discount	PLU discount only applied
2	Global Discount	Global discount only applied
3	No Discount in PLU then Global	PLU discount is applied. If there is no PLU discount, apply global discount

2.5.1.2 Weight/Count/PCS Discount (Menu code 1532/1533/1534)

(MENU → 5. Global → 3. Discount → 1. Priority)

If you want to use the Global Discount method and apply the same discount regardless of PLU, you can set the Discount information in Menu code 1532, 1533 and 1534. You can use the same procedures shown in chapter 2.4.2.

Global Discount condition by weight Item (Menu code 1532)

(MENU → 5. Global Setting → 3. Discount → 2. Weight discount)

Global Discount condition by Count Item (Menu code 1533)

(MENU → 5. Global Setting → 3. Discount → 3. Count discount)

Global Discount condition by PCS Item (Menu code 1534)

(MENU → 5. Global Setting → 3. Discount → 4. PCS discount)

2.6 Speed Key Setting (Menu code 1160)

(MENU → 1. PLU → 6. Speed Key)

This menu is used to program Speed keys. Speed keys are short-cut keys used to allow quick access to the most frequently used PLU's in a department. There is also a SHIFT function that allows you to set a second level of Speed keys that will double the number of Speed keys available in a department.

You can program up to 5 different Speed Key Sets but only one set can be used in a department at a time. The Speed Key Set that is used in a department is determined by Menu code 1211 (chapter 2.2.1.1)

Note: Function keys can be programmed using Menu code 1880 (chapter 2.14.8) and are assigned to Speed Key locations. If you program Function keys on the CL5000 series you will decrease the total number of Speed Keys available.

1. Speed Key Set No.
   • Select speed key set no. You can use this
     number when you program menu 1211.
     (See the chapter 2.2.1.1)

   EX) Speed key set No. = 2

| 2 | PRINT |

```
SPEED KEY                    (1/2)
Speed Key Set No: [ 2]
                              CAS
```
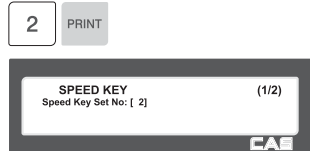
2. Speed Key Programming
   • The Speed keys are numbered left-to-right
   and top-to-bottom. for standard type, there
   are 48 physical keys but using SHIFT key
   you can use up to 96 keys. but for pole type,
   there are 72 keys if you press the SHIFT key
   and then one of the 72 Speed
   keys, then you can access Speed keys 73
   through 144

   EX1) Speed key no. 1
   EX2) Speed key no. 49

| A | PRINT |

```
SPEED KEY                    (2/2)
Speed Key No : [   1]
PLU No : [   0]
                              CAS
```

| RETURN SHIFT | A | PRINT |

```
SPEED KEY                    (2/2)
Speed Key No : [  49]
PLU No : [   0]
                              CAS
```
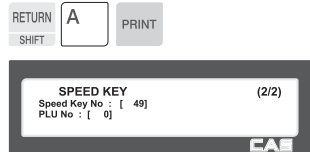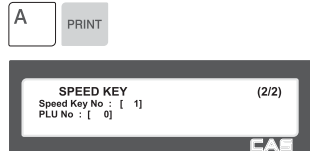
3. PLU No.
   • Enter PLU no. to assign speed key
   • PLU should be belong to scale   department.

   EX1) PLU 10 = BEEF

| 1 | 0 | PRINT |

```
SPEED KEY                    (2/2)
Speed Key No : [   1]
PLU No : [  10] BEEF
                              CAS
```
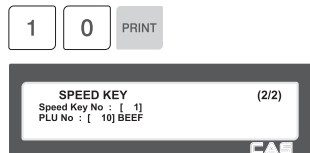
2.7 Traceability

2.7.1 Traceability (Menu code 1330)

(MENU → 3. PLU Date Table II → 3. Traceability)

This Menu is used to program the history of a PLU. You must follow local Traceability regulations when using this menu.

Note: You should program the Country Code (Menu 1340), Slaughter House (Menu 1350) and Cutting Hall (Menu 1360) before programming the Traceability.

2.7.1.1 New/Edit Traceability (Menu code 1331)

(MENU → 3. PLU Date Table II → 3. Traceability→ 1. New/Edit)

▶You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter traceability number
  • This value can be from 1 to 99.

  EX) Traceability number = 1

| 1 | PRINT |

```
NEW/EDIT TRACEABILITY          (1/3)
Traceability No. : [   1]
Description : [                    ]
                                    CAS
```

2. Enter description

  EX) Description = SIRLOIN

| S | I | R | L |
| O | I | N | PRINT |

```
NEW/EDIT TRACEABILITY          (1/3)
Traceability No. : [   1]
Description: [SIRLOIN            ]
                                    CAS
```

3. Born in country number

  EX) Born in country No. = 1. SWEDEN

| 1 | PRINT |

```
NEW/EDIT TRACEABILITY          (2/3)
Born in Country No. : [   1]
Bred in Country No. : [   1]
        SWEDEN
                                    CAS
```

4. Bred in country number

EX) Bred in country No. = 95. KOREA

| 9 | 5 | PRINT |

```
NEW/EDIT TRACEABILITY          (2/3)
Born in Country No. : [   1]
Bred in Country No. : [  95]
         KOREA
                                    CAS
```
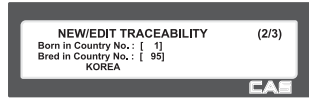
5. Slaughter house number

EX) Slaughter house No. = 12. BILLY S

| 1 | 2 | PRINT |

```
NEW/EDIT TRACEABILITY          (3/3)
Slaughter House No. : [ 12]
Cutting Hall No.    : [  1]
BILLY S
                                    CAS
```
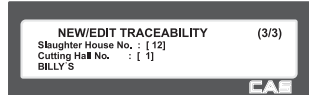
6. Cutting hall number

EX) Cutting hall No. = 23. HAN S CUT

| 2 | 3 | PRINT |

```
NEW/EDIT TRACEABILITY          (3/3)
Slaughter House No. : [ 12]
Cutting Hall No.    : [ 23]
HAN S CUT
                                    CAS
```
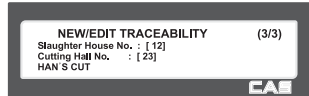
7. Exit menu

• If you want to exit, press ESC key.

| × ESC |

2.7.1.2 List Traceability (Menu code 1332)

(MENU → 3. PLU Date Table II → 3. Traceability→ 2. List)

1. Set the list range

• Ex.) Traceability No.'s 1~10

Press Print Key to List Traceability No.'s on Screen.

After Traceability No.'s are listed on the screen, pressing the TEST key will print the Traceability No.'s.

| 1 | PRINT | | 1 | 0 | PRINT |

```
LIST TRACEABILITY             (1/1)
• Start Number : [   1]
• End Number   : [  10]
List All • press  [SAVE] key
                                    CAS
```

```
No.  Traceability

1 : 99 : 12 : 23 :  SIRLOIN
                                    CAS
```
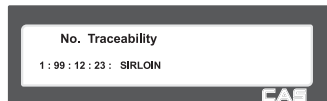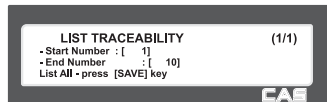
2.7.1.3 Delete Traceability (Menu code 1333)

(MENU → 3. PLU Date Table II → 3. Traceability→ 3. Delete)

1. Enter traceability number to delete

EX) Delete traceability no. 2

Note: There is no confirmation request when deleting a Traceability No. Pressing the PRINT key will cause the Traceability No. entered to be deleted.

| 2 | PRINT |

```
DELETE TRACEABILITY    (1/1)
Traceability No : [ 2]
                                CAS
```

2.8 Country Programming

2.8.1 Country (Menu code 1340)

(MENU → 3. PLU Date Table II → 4. Country)

This menu is used to program Country information. Country information is used when programming Traceability Numbers. Therefore Country information programming should be completed prior to programming Traceability.(Menu 1330)

2.8.1.1 New/Edit Country (Menu code 1341)

(MENU → 3. PLU Date Table II → 4. Country → 1. New/Edit)

▶ You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Enter country number
  • This value can be from 1 to 999.

  EX) Country No. = 1

```
1    PRINT
```

```
NEW/EDIT COUNTRY              (1/1)
Enter Country No. : [   1]
Name  : [                          ]
                                CAS
```
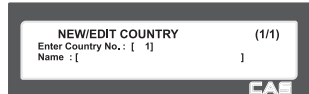
2. Enter country name

  EX) Name = KOREA

```
K   O   R   E   A   PRINT
```

```
NEW/EDIT COUNTRY              (1/1)
Enter Country No. : [   1]
Name  : [KOREA                     ]
                                CAS
```

3. Exit menu
  • If you want to exit, press ESC key.

```
×
ESC
```
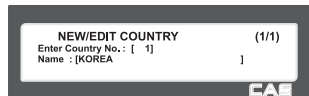
2.8.1.2 List Country (Menu code 1342)

(MENU → 3. PLU Date Table II → 4. Country → 2. List)

1. Set the list range
  • Set the list range to check

  EX) Country No.'s 1~10

  Press Print Key to List Country No.'s on
  screen.

  After Country No.'s are listed on the screen,
  pressing the TEST key will print the
  Country No.'s.

| 1 | PRINT | | 1 | 0 | PRINT |

```
LIST COUNTRY                    (1/1)
• Start Number      : [     1]
• End Number        : [    10]
List All • press  [SAVE] key
                                  CAS
```
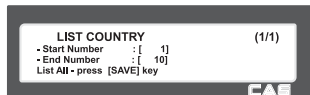
2.8.1.3 Delete Country (Menu code 1343)

(MENU → 3. PLU Date Table II → 4. Country → 3. Delete)

1. Enter country number to delete

  EX) Delete country no. 1

  Note: There is no confirmation request when
deleting a Country No. Pressing the PRINT key
will cause the Country No. entered to be deleted.

| 1 | PRINT |

```
DELETE COUNTRY                  (1/1)
Enter Country No : [ 1]
                                  CAS
```
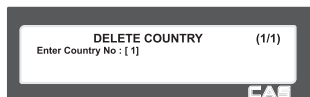
2.9 Programming Slaughter House

2.9.1 Slaughter House (Menu code 1350)

(MENU → 3. PLU Date Table II → 5. Slaughter House)

This menu is used to program Slaughter House information. Slaughter House information is used when programming Traceability Numbers. Therefore Slaughter House information programming should be completed prior to programming Traceability.(Menu 1330)

2.9.1.1 New/Edit Slaughter House (Menu code 1351)

(MENU → 3. PLU Date Table II → 5. Slaughter House → 1. New/Edit)

▶ You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Enter slaughter House number
  • This value can be from 1 to 999.

  EX) Slaughter house No. = 1

```
1   PRINT
```

```
NEW/EDIT SLAUGHTER HOUSE    (1/1)
Enter Slaughter House No. : [   1]
House   : [                        ]
Country : [  ]
                                  CAS
```

2. Enter Slaughter House
  • Enter slaughter house name or registered number.

  EX) Slaughter house registered no. = KSH12

```
K   S   H   1   2   PRINT
```

```
NEW/EDIT SLAUGHTER HOUSE    (1/1)
Enter Slaughter House No. : [   1]
House   : [KSH12                   ]
Country : [  ]
                                  CAS
```

3. Enter slaughter house country number
  • You can use contry number which is programmed at menu 1341

  EX) Slaughter house Country No. = 1.
  KOREA

```
1   PRINT
```

```
NEW/EDIT SLAUGHTER HOUSE    (1/1)
Enter Slaughter House No. : [   1]
House   : [KSH12                   ]
Country : [  1]
                                  CAS
```
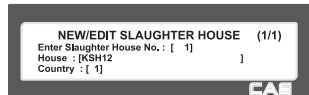
4. Exit menu
  • If you want to exit without making any changes, press ESC key.

```
×
ESC
```

2.9.1.2 List Slaughter House (Menu code 1352)

(MENU → 3. PLU Date Table II → 5. Slaughter House → 2. List)

1. Set the list range
• Enter list range to check

EX) Slaughter House No.'s 1~10

Press Print Key to List Slaughter House No.'s on screen.

After Slaughter House No.'s are listed on the screen, pressing the TEST key will print the Slaughter House No.'s.
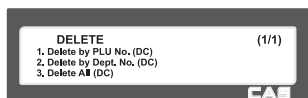
1	PRINT		1	0	PRINT

```
LIST SLAUGHTER HOUSE          (1/1)
• Start Number    : [      1]
• End Number      : [    10]
List All • press  [SAVE] key
                                    CAS
```

2.9.1.3 Delete Slaughter House (Menu code 1353)

(MENU → 3. PLU Date Table II → 5. Slaughter House → 3. Delete)

1. Enter slaughter House number
• 1. Enter slaughter house number to delete

EX) Delete slaughter house no. 1

Note: There is no confirmation request when deleting a Slaughter House No. Pressing the PRINT key will cause the Slaughter House No. entered to be deleted.

1	PRINT

```
DELETE SLAUGHTER HOUSE         (1/1)
Enter Slaughter House No : [ 1]
                                    CAS
```

2.10 Programming Cutting Hall

2.10.1 Cutting Hall (Menu code 1360)

(MENU → 3. PLU Date Table II → 6. Cutting Hall)

This menu is used to program Cutting Hall information. Cutting Hall information is used when programming Traceability Numbers. Therefore Cutting Hall information programming should be completed prior to programming Traceability.(Menu 1330)

2.10.1.1 New/Edit Cutting Hall (Menu code 1361)

(MENU → 3. PLU Date Table II → 6. Cutting Hall → 1. New/Edit)
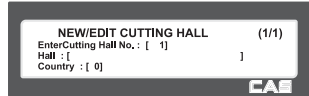
▶ You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Enter cuttting hall number
  • This value can be from 1 to 99

EX) Cutting hall no. = 1

```
1    PRINT
```

```
NEW/EDIT CUTTING HALL          (1/1)
EnterCutting Hall No. : [   1]
Hall  : [                          ]
Country : [  0]
                               CAS
```

2. Enter cutting hall information
  • Enter cutting hall name or registered number.

EX) Cutting hall registered number = KSH12

```
K   C   H   1   2   PRINT
```

```
NEW/EDIT CUTTING HALL          (1/1)
Enter Cutting Hall House No. : [   1]
Hall  : [KCH12                     ]
Country : [  0]
                               CAS
```

3. Cutting hall Country number
  • You can use country number which is programmed at menu 1341 (See page 74)

EX) Cutting Hall Country no. = 1.
KOREA

```
1    PRINT
```

```
NEW/EDIT CUTTING HALL          (1/1)
Enter Cutting Hall House No. : [   1]
Hall  : [KCH12                     ]
Country : [  1]
                               CAS
```

4. Exit menu
  • If you want to exit, press ESC key.

```
×
ESC
```

2.10.1.2. List Cutting Hall (Menu code 1362)

(MENU → 3. PLU Date Table II → 6. Cutting Hall → 2. List)

1. Set the list range
• Set the list range to check

EX) Cutting Hall No.'s 1~10

• Press Print Key to List Cutting Hall No.'s
on screen.

After Cutting Hall No.'s are listed on the
screen, pressing the TEST key will print the
Cutting Hall No.'s.

| 1 | PRINT |

| 1 | 0 | PRINT |

```
    LIST CUTTING HALL          (1/1)
 • Start Number  : [    1]
 • End Number       : [    10]
 List All • press  [SAVE] key
                                  CAS
```

```
    No.  reference(descript.)
 1  1 :  KCH12
                                  CAS
```

2.10.1.3 Delete Cutting Hall (Menu code 1363)

(MENU → 3. PLU Date Table II → 6. Cutting Hall → 3. Delete)

1. Enter cutting hall number to delete

EX) Delete cutting hall no. 1

Note: There is no confirmation request when
deleting a Cutting Hall No. Pressing the
PRINT key will cause the Cutting Hall No.
entered to be deleted.

| 1 | PRINT |

```
    DELETE CUTTING HALL          (1/1)
 Enter Cutting Hall No. : [ 1]
                                  CAS
```
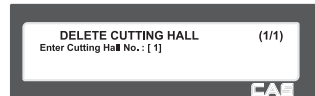
2.11 Programming Store Data

This chapter explains how to access and program Store Data, Customer Information, Scrolling Messages and Currency Data.

2.11.1 Store Data (Menu code 1410)

(MENU → 4. Store Data Table → 1. Store)

This menu shows how to program Store Data information.

2.11.1.1 New/Edit Store (Menu code 1411)

(MENU → 4. Store Data Table → 1. Store → 1. New/Edit Store)

1. Enter store number.

EX) #1

```
1    PRINT
```

```
NEW/EDIT STORE              (1/2)
Store No. : [   1]
Name : [                              ]
                                   CAS
```

2. Press PRINT key and enter appropriate text in NAME .

.
EX) NAME = CAS STORE

```
C    A    S

S    T    O    R    E    PRINT
```

```
NEW/EDIT STORE              (1/2)
Store No. : [   1]
Name : [CAS STORE                ]
                                   CAS
```
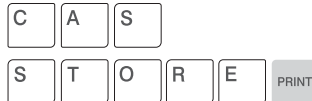
3. Press PRINT key, then user may enter other store information such as TELEPHONE NUMBER or any text information.

EX) TEL.#=2019339002,
TEXT=NJ CAS office

```
NEW/EDIT STORE              (2/2)
TEL. : [2019339002             ]
Text : [NJ CAS OFFICE           ]
                                   CAS
```

4. Press PRINT key and user may go back to STORE main menu by using ESC key.

```
×
ESC
```

2.11.1.2 List Store (Menu code 1412)

(MENU → 4. Store Data Table → 1. Store → 2. List Store)

➡ This menu shows the list of STORE saved.
➡ Press 2 in STORE menu to get into LIST STORE menu.
➡ Press SAVE key to list all of STORE information saved.

1. Set the list rang
• Set the list range to check

EX) Store No.'s 1~10

Press Print Key to List Store No.'s on screen.

After Store No.'s are listed on the screen,
pressing the TEST key will print the Store
No.'s.

| 1 | PRINT |

| 1 | 0 | PRINT |

```
LIST STORE                    (1/1)
- Start Number      : [    1]
- End Number        : [   10]
List All - press  [SAVE] key
                              CAS
```

```
No.  reference(descript.)
1  CAS STORE 2019339002
                              CAS
```
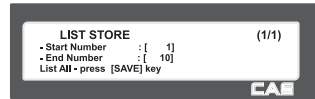
2.11.1.3 Delete Store (Menu code 1413)

(MENU → 4. Store Data Table → 1. Store → 3. Delete Store)

➡ This menu is to delete the STORE user wish to.
➡ Press 3 in STORE menu to get into DELETE STORE menu.

1. Store delete

EX) Store. 1

Note: There is no confirmation request when
deleting a Store No. Pressing the PRINT key
will cause the Store No. entered to be deleted.

| 1 | PRINT |

```
DELETE STORE                  (1/1)
Store No. : [ 1]
                              CAS
```

2.11.2 Customer (Menu code 1420)

(MENU → 4. Store Data Table → 2. Customer)

This Menu is used to program the Customer Information. Customer Information is used to manage a specific Customer's Accounts Receivable. It is used in the Clerk Mode when issuing a receipt for a Credit Transaction.

EX) Pre-paid Customer, Monthly payment, etc.

2.11.2.1 New/Edit Customer (Menu code 1421)

(MENU → 4. Store Data Table → 2. Customer → 1. New/Edit)

1. Enter Customer number and press "PRINT" key.

EX) Customer No.=1,

```
1   PRINT
```

```
NEW/EDIT CUSTOMER              (1/3)
Customer No. : [ 1 ]

                                   CAS
```

2. Enter other informations in [ ], such as Name, Address1, and Address2.

EX) NAME=TOM
ADDRESS 1=99 Murry hill.
ADDRESS 2=East ford

```
T  O  M  PRINT
9  9  M  U  R  R  Y  H  I  L  L  PRINT
E  A  S  T  F  O  R  D  PRINT
```

```
NEW/EDIT CUSTOMER              (2/3)
Name      : [TOM                    ]
Address 1 : [99 MURRY HILL          ]
Address 2 : [ EAST FORD             ]
                                   CAS
```

3. Press "PRINT" key, then user may enter the Address 3, TEL. Number and customer s CREDIT LIMIT AMOUNT.

EX) ADDNESS3=NJ 07073
TEL=2019339002
CREADIT LIMIT AMOUNT0=200.00

```
N  J  0  7  0  7  3  PRINT
2  0  1  9  3  3  9  0  0  2  PRINT
2  0  0  0  0
```

```
NEW/EDIT CUSTOMER              (3/3)
Address 3 : [ NJ 07073              ]
TEL.      : [2049339002             ]
Credit Limit Amount : [    200.00 ]
                                   CAS
```

4. Press "PRINT" key, to enter the information. User may go back to main CUSTOMER menu by pressing "X/ESC" key.

```
 ×
ESC
```

2.11.2.2 List Customer (Menu code 1422)

(MENU → 4. Store Data Table → 2. Customer → 2. List)

This Menu allows you to list the Customer No.'s on the screen or print them out for your records.

1. Set the list range
   • Set the list range to check

EX) Customer No.'s 1~10

   • Press Print Key to List Customer No.'s on screen.

After Customer No.'s are listed on the screen, pressing the TEST key will print the Customer No.'s.

| 1 | PRINT |

| 1 | 0 | PRINT |

```
LIST COTOMER                (1/1)
Start Number       : [    1]
End Number         : [   10]
                                        CAS
```

```
    No.   reference(descript.)
1 BILLY  200.00
                                        CAS
```
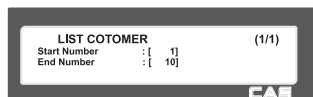
2.11.2.3 Delete Customer (Menu code 1423)

(MENU → 4. Store Data Table → 2. Customer → 3. Delete)

This Menu allows you to Delete a Customer from the file.

1. Enter customer to delete

EX) Delete customer N0.=1

Note: There is no confirmation request when deleting a Customer No. Pressing the PRINT key will cause the Customer No. entered to be deleted.

| 1 | PRINT |

```
DELETE STORE                (1/1)
Store No. : [ 1]
                                        CAS
```

2.11.3 Scroll Message (Menu code 1430)

(MENU → 4. Store Data Table → 3. Scroll Message)

This Menu is used to program the Scrolling Message function in the CL5000 series. The Scrolling Message can be used for advertisements, sales promotions, sales messages, etc.

2.11.3.1 Configuration (Menu Code 1431)

(MENU → 4. Store Data Table → 3. Scroll Message → 1. Configuration)

The configuration function allows you to program the wait time and the actual scrolling speed of the message.

1. Configuration
 • User may set the wait time from 1 to 6000 seconds. Setting wait-time as 0 means NO use "Scroll Message".

 - Wait-time
 This value can be from 1 to 6000 seconds.
 Ex.) 5 seconds

```
5    PRINT
```

```
          CONFIGURATION        (1/1)
Wait Time (1s) : [    5 ]

                              CAS
```
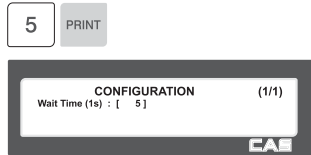
2.11.3.2 Edit Scroll Message (Menu Code 1432)

(MENU → 4. Store Data Table → 3. Scroll Message → 2. Edit Scroll Message)

This Menu allows you to program the actual information that will be in the Scrolling Message. You may input up to 9 messages and use two different scrolling effects.

1. Enter Message No. and Message Text
 • Enter Message No. and Message Text.

 Ex.) Message No. = 1
 Ex.) Message Text = Scrolling Message

```
     EDIT SCROLL MESSAGE      (1/7)
Message No. : [1]
Message   : [Scroll Message...          ]
                              CAS
```

2. Input Image No.(only CL5000-G)
 • User may input up to 14 images.
 Please input messages No.Only operate when scroll message is set "3"
 Image appears when text & image are set to operate together.
3. Input Fontsize (only CL5000-G)
 • User may input up to 4 font sizes.
 Please input font size.
 this function will only operate when scroll message is set to operate.

4. Set Speed

• Speed means the scrolling/blinking
  speed.=> for the text speed is representing the moving speed of the text, and when it is
  blinking speed, it represents the speed of the blinking. User may set it from 1 to 99..
  (unit = 0.1m/s)

5. Input Blink Counts

• User may input up to 9 blinks. This is setting for how many time the blink to blink.
  Please input blink counts..

6. Set scrolling message effect

• Effect =0 : No use.
  Effect =1 : Scroll message left to right
  Effect =2 : Scroll message right to left
  Effect =3 : Scroll message blink

```
EDIT SCROLL MESSAGE        (3/4)
Effect        : [1]
     <-  Right  to  Left
                              CAS
```
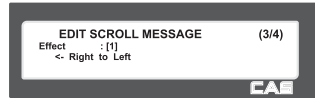
7. Select use or unuse for scrolling Message

• Y : USE
  N : NO USE

```
EDIT SCROLL MESSAGE        (3/7)
Use message (Y/N) : [Y]
                              CAS
```

8. Set date of scroll message

• Date Setting
  Ex.) 1 = Yes
  Day of the Week Setting
  Ex.)
  SMTWTFS
  1 0 1 1 111
  1 = Yes, message will be shown on that day.
  0 = No, message will not be shown on that day.

```
EDIT SCROLL MESSAGE        (4/7)
Date Setting (Y/N) : [Y]
                              CAS
```

```
EDIT SCROLL MESSAGE        (5/7)
Input `1´ or `0´   : [SMTWTFS]
Day of Week       : [1111111]
                              CAS
```
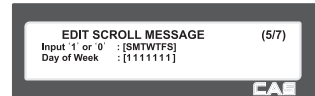
• Enter Date
  Ex.) Start Date = 00-00-00
  End Date = 00:00:00
  Note: If you enter 00-00-00 for a Start and
  End Date. This means that the message will
  be shown starting today and will be shown
  everyday until December 31, 2099.

```
EDIT SCROLL MESSAGE        (6/7)
Start Date : [00-00-00] DD-MM-YY
End   Date : [00-00-00] DD-MM-YY
                              CAS
```

```
EDIT SCROLL MESSAGE        (7/7)
Start Time : [00:00:00]
End   Time : [00:00:00]
                              CAS
```

• Enter Time
  Ex.)Start Time = 00:00:00
  End Time = 00:00:00

Note: Start time should be lower than the End time. If 00:00:00 is entered for both
times then the message will be displayed for the entire day.

2.11.3.3 List Scroll Message (Menu Code 1433)

(MENU → 4. Store Data Table → 3. Scroll Message → 3. List)

This Menu is used to List all programmed Scrolling Messages.

1. Set the list range
• Set the list range to check

EX) Message No.'s 1~10

Press Print Key to List Message No.'s on screen.

After Message No.'s are listed on the screen, pressing the TEST key will print the Message No.'s.

| 1 | PRINT | | 1 | 0 | PRINT |

LIST SCROLL MESSAGE (1/1)
• Start Number : [1]
• End Number : [10]
List All - Press [SAVE] key

CAS
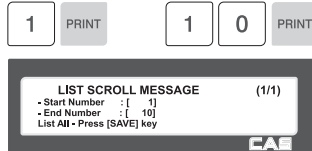
2.11.4 Currency (Menu code 1440)

(MENU → 4. Store Data Table → 4. Currency)

User may save rate of currency to default currency and convert to another currency simply by this function.

☞ Please refer to Menu 1880 Function key definition .

2.11.4.1 New/Edit Currency (Menu Code 1441)

(MENU → 4. Store Data Table → 4. Currency → 1. New/Edit)

1. Numbering Currency
• You can save up to 4 different currencies by numbering 1~4.

EX) Currency No. = 1

| 1 | PRINT |

NEW/EDIT CURRENCY (1/3)
Enter Currency No : [1]
Rate Decimal Point : [4]

CAS
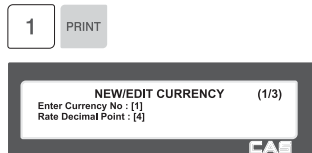
2. Rate Decimal Point
• Enter the Rate Decimal Point (default = 4)

EX) Rate Decimal Point = 3

| 3 | PRINT |

NEW/EDIT CURRENCY (1/3)
Enter Currency No : [1]
Rate Decimal Point : [3]

CAS
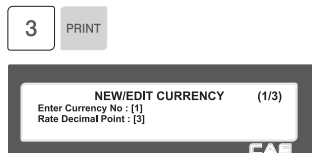
3. Currency Rate.
• Enter comparative rate of currency to default currency set.
EX) Default currency = $1.00
Comparative currency rate to default Currency
= ¤ 1.2800.

| 1 | 2 | 8 | 0 | 0 | PRINT |

```
          NEW/EDIT CURRENCY          (2/3)
   Currency Rate : [ 12,800]
   Primary Sign : [   ]
                                        CAS
```

4. Primary Sign
• Enter the first currency sign to be changed.

EX) Primary Sign = $

| CHAR | 8 | 0 | PRINT |

```
          NEW/EDIT CURRENCY          (2/3)
   Currency Rate : [ 12,800]
   Primary Sign : [$  ]
                                        CAS
```

5. Last Symbol
• Enter the last currency symbol to be changed.

EX) No last symbol

| PRINT |

```
          NEW/EDIT CURRENCY          (3/3)
   Last Sign : [   ]
   Price Decimal Point : [0]
                                        CAS
```

6. Price Decimal Digit
• Enter the number of decimal digit

EX) Price Decimal point digit = 2

| 2 | PRINT |

```
          NEW/EDIT CURRENCY          (3/3)
   Last Sign : [   ]
   Price Decimal Point : [2]
                                        CAS
```

7. Price Output Format
• Enter the number of format

EX) Price Output Format = 2

| 2 | PRINT |

```
          NEW/EDIT CURRENCY          (3/3)
   Last Sign : [   ]
   Price Decimal Point : [2]
                                        CAS
```

▶ Printing Output formats of currency symbol

No	Printing Format	Description
0	100.00, 0.12	
1	$ 100.00, $ 0.12	
2	100.00 $, 0.12$	
3	$ 100.00 c, $0.12c	
4	$ 100.00 c, 12c(Greek)	When total amount is less than 1, only Last currency symbol shows up.
5	$100.00, $0.12	
6	100.00$, 0.12$	
7	$100.00c, $0.12c	
8	$100.00c, 12c(Greek)	When total amount is less than 1, only Last currency symbol shows up.

2.11.4.2 List Currency (Menu Code 1442)
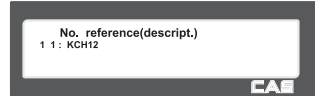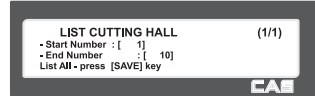
(MENU → 4. Store Data Table → 4. Currency → 2. List)

1. Set the list range
• Set the list range to check

EX) Currency No.'s 1~4

• Press Print Key to List Currency No.'s on screen.

After Currency No.'s are listed on the screen, pressing the TEST key will print the Currency No.'s.

1	PRINT		4	PRINT

```
  LIST CURRENCY              (1/1)
• Start Number    : [    1]
• End Number      : [    4]
List All • press  [SAVE] key
                               CAS
```

```
  No.  reference(descript.)
 1   1.2800  $
                               CAS
```

2.11.4.3 Delete Currency (Menu code 1443)

(MENU → 4. Store Data Table → 4. Currency → 3. Delete)

1. Currency number to delete

EX) Delete Currency no. 2

Note: There is no confirmation request when deleting a Currency No. Pressing the PRINT key will cause the Currency No. entered to be deleted.

2	PRINT

```
        DELETE CURRENCY       (1/1)
Enter Currency No : [ 2]
                               CAS
```

2.11.5 Job Batch Schedule (Menu code 1450)

(MENU → 4. Store Data Table → 5. Job Batch Schedule)

This function is used to print the label in large number for the pieced products or to sell several pieced products that have been packaged into a set.
.

2.11.5.1 New/Edit Job Batch Schedule (Menu code 1451)

(MENU → 4. Store Data Table → 5. Job Batch Schedule →
1. New/Edit Schedule)

1. Job Batch No.
 • Enter the number of Job Batch Schedule to create.
  You can use 1-10.

| 1 | PRINT |

```
NEW/ EDIT SCHEDULE         (1/3)
Job Batch No. : [   1]

                                  CAS
```

2. Department No.
 • Enter the umber of Department to call.

| 1 | PRINT |

```
NEW/EDIT SCHEDULE          (2/3)
Department  No. : [  1]   default
PLU No.  : [                      ]

                                  CAS
```

3. PLU No.
 • Enter the number of PLU to call.

Note : This PLU must belong to count or PCS type

| 1 | PRINT |

```
NEW/EDIT SCHEDULE          (2/3)
Department  No. : [  1]   default
PLU No.  : [              1      ]

                                  CAS
```

4. Label Print Quantity
 • Enter the total number of label printing to print.
  You can enter 1-99.

| 1 | PRINT |

```
NEW/ EDIT SCHEDULE         (3/3)
Label Print Quantity : [   1]

                                  CAS
```

2.11.5.2 List Job Batch Schedule (Menu code 1452)

(MENU → 4. Store Data Table → 5. Job Batch Schedule →
2. List Schedule)

1. Set the list range
• Set the list range to check

EX) Job Batch Schedule No.'s 1~10

2.11.5.3 Delete Job Batch Schedule (Menu code 1453)

(MENU → 4. Store Data Table → 5. Job Batch Schedule →
3. Delete Schedule)

1. Job Batch Schedule number to delete

EX) Delete Job Batch Schedule no. 2

Note: There is no confirmation request when deleting a Job Batch Schedule No. Pressing the PRINT key will cause the Job Batch Schedule No. entered to be deleted**.**


```
  2    PRINT
```

```
  DELETE SCHEDULE          (1/1)
  Job Batch No. :  [    1]

                           CAS
```

2.11.6 Scanner (Menu code 1460)

(MENU → 4. Store Data Table → 6. Scanner)

This menu is used to make barcode scanning sale available or just to call up PLU.

These are operable functions and setting methods when using by connecting the barcode scanner to

CL5000 series.

2.11.6.1 New/Edit Scanner Conversion Table (Menu code 1461)

(MENU → 4. Store Data Table → 6. Scanner →
1. New/Edit Comv Table)

This is Mapping Table between each scanned bar code and each PLU number.

1. Setting up scan code No
Maximum number of Conv Table. Index is 1999

2. Setting up mapping Code
Enter the number ranged between 1 and 13.

3. Setting up department No

Enter the Department number of the PLU to be mapped.

4. Setting up PLU No

Enter the PLU number to be mapped.

EX)

Index	The value to be compared with data from a bar code	Department and PLU no. to be mapped	
Code No	Mapping Code	Department No	PLU No
1	2855551	1	1
2	2855552	1	5
~	~	~	~
1999	2867890	1	220

2.11.6.2 List Scanner Conversion Table (Menu code 1462)

(MENU → 4. Store Data Table → 6. Scanner → 2. List Conv Table)

1. Set the list range

• Set the list range to be checked

EX) Scanner Conversion Table No. 1~1999

• Press Print Key to List Conversion Table No.'s on screen. After Conversion Table No.'s are listed on the screen, pressing the TEST key will print the Conversion Table No.'s.

```
  1     PRINT
```

```
LIST CONV TABLE            (1/1)
- Start Number : [   1]
- End Number   : [   1]
List All - press [SAVE] key
                              CAS
```
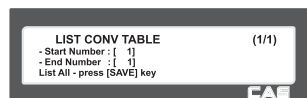
2.11.6.3 Delete Scanner Conversion Table (Menu code 1463)

(MENU → 4. Store Data Table → 6. Scanner →
3. Delete Conv Table)

1. Enter the number of Conversion Table to be deleted

EX) Delete Conversion Table no. 2

Note: There is no confirmation request when deleting a Table No. Pressing the PRINT key will cause the Conversion Table No. entered to be deleted.

```
  2     PRINT
```

```
DELETE CONV TABLE          (1/1)
Scan code  No. : [   2]
                              CAS
```

2.11.6.4 Scanner Config (Menu code 1464)

(MENU → 4. Store Data Table → 6. Scanner → 4. Scanner Config)

1. The way to set up Scan Form

Enter defined 13-digit number or letter that scanner can recognize.
Assigned representative characters are written below.


```
SCANNER CONFIG          (1 / 1)
Scan Form :  [ XXXXXXXWWWWWC ]
```

-"X" character : It must be the number of same digit length as "Mapping Code", that you entered above, has.
-"W" character : It represents weight date.

Any other symbol than "X", "W" is ignored when scanning.

Example 1)   Scan Form : [XXXXXXXWWWWWC]
- From 1 to 7 digits"XXXXXXX"calls PLU comparing with Mapping Code entered above 4).
- From 8 to 12 digets"WWWWW"shows the value of weigh.

Example 2)   Scan Form : [00XXXXX000000]
- From 3 to 5 digits "XXXXX" calls PLU by comparing with Mapping Code. At this time, you must enter 5 digits as Mapping Code in menu1461.

Example 3)   Scan Form : [XXXXXXXXXXXXX]
- The 13 digits bar code is calls PLU by comparing with Mapping Code. At this time, you must enter 13 digits as Mapping Code at menu1461.
- It is possible to enter codes by using bar code scanner.

2.11.7 Label Format Key Table (Menu code 1470)

(MENU → 4. Store Data Table → 7. Label Format Key Table)

There is a function to change label format and Barcode by using function key. This menu is used to set this function. You can use this function, after assigning empty key to that Function Key(83-90).

1. Label Speed Key

Enter the number1-8 you want.

```
┌───┐  ┌──────────┐
│ 1 │  │  PRINT   │
└───┘  └──────────┘
```

```
┌──────────────────────────────────────────┐
│    LABEL FORMAT KEY TABLE        (1/1)    │
│ Label Speed Key   : [1]                   │
│ Label 1  # : [  1]   IS6030-00001 (60x30) │
│ PLU barcode1   No : [  1]                  │
│                                    CAS    │
└──────────────────────────────────────────┘
```
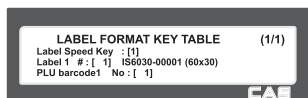
2. Label #.

Enter the label number to be assigned that function key.

```
┌───┐  ┌──────────┐
│ 1 │  │  PRINT   │
└───┘  └──────────┘
```

```
┌──────────────────────────────────────────┐
│    LABEL FORMAT KEY TABLE        (1/1)    │
│ Label Speed Key   : [1]                   │
│ Label 1  # : [  1]   IS6030-00001 (60x30) │
│ PLU barcode1   No : [  1]                  │
│                                    CAS    │
└──────────────────────────────────────────┘
```
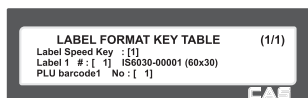
3. PLU Barcode No.

Enter the barcode number to be assigned that function key.

```
┌───┐  ┌──────────┐
│ 1 │  │  PRINT   │
└───┘  └──────────┘
```

```
┌──────────────────────────────────────────┐
│    LABEL FORMAT KEY TABLE        (1/1)    │
│ Label Speed Key   : [1]                   │
│ Label 1  # : [  1]   IS6030-00001 (60x30) │
│ PLU barcode1   No : [  1]                  │
│                                    CAS    │
└──────────────────────────────────────────┘
```
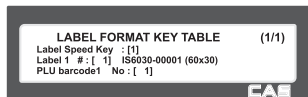
2.12 Programming Global Setting

The Global Setting function is used to program functions of the CL5000 series like Label Format, Barcode Format, Discount and Tax settings that will be used on every PLU or transaction. These settings, when selected override any settings that are programmed in the PLU. This function can be very convenient and time saving when used properly.

2.12.1 Global Label Format (Menu code 1510)

(MENU → 5. Global Setting → 1. Label Format)

This Menu is used to select whether you use a Global Label Format for all PLU's or if the Label Format will be programmed in the PLU data structure.

Note: Label Formats 1~45 are Fixed Label Formats and can not be modified. Formats 51~99 are Free Formats that may be created using the CL-Works PC Program and downloaded to the CL5000 series.

◆ You can press the SAVE key at anytime to save the current data and if
you want to exit without saving, press the ESC key.

1. Global Label
• If you use Global Label, enter 1. If not, enter 0.

• Note: If you have selected to use a Global Label Format, the Label Format that is programmed in each PLU will be ignored and the Global Label Format selected in the next step will be used for every PLU.

| 1 | PRINT |

```
LABEL    FORMAT             (1/3)
Use Global Label (1=Y/0=N): [Y]
PLU Label No.      : [0]
                              CAS
```

2. Set PLU label No.
• Set PLU label number

EX) PLU Label No. = 2. IS6040-0000(60x40)

| 2 | PRINT |

```
LABEL    FORMAT             (1/3)
Use Global Label (1=Y/0=N): [Y]
PLU Label No.          :[2]
  IS6040-0000(60x40)
                              CAS
```

3. Set Miscellaneous label number
• Set label format for miscellaneous item.
EX) Misc. Label No = 2. IS6040-0000(60x40)

| 2 | PRINT |

```
LABEL    FORMAT             (2/3)
Misc. Label No.    : [ 2 ]
Total Label No.    : [ 2 ]
IS6040-0000(60x40)
                              CAS
```

4. Set total label number
 • Set label format of total label for Add-Up
 sales.

 EX) Total label No. = 10 , TC6060-
 0002(60x60)

| 1 | 0 | PRINT |

```
    LABEL    FORMAT              (2/3)
Misc. Label No.      : [ 2 ]
Total Label No.      : [10]
TC6040-0000(60x40)
                                    CAS
```
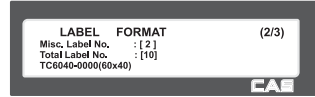
5. Set printing direction of total label

 EX) Reverse Total Label = Y.

| Y | PRINT |

```
    LABEL    FORMAT              (3/3)
Reverse Total Label   : [ Y ]
Reverse Item Label    : [ N ]
                                    CAS
```
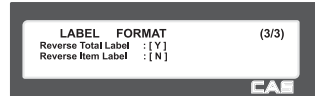
6. Set printing direction of PLU and
 Misc. item

 EX) Reverse Item Label = Y

| Y | PRINT |

```
    LABEL FORMAT                 (4/4)
Label 2  # : [   0 ]
                                    CAS
```

7. Input Label #2

| Y | PRINT |

```
    LABEL FORMAT                 (4/4)
Label 2   # : [   0 ]
                                    CAS
```
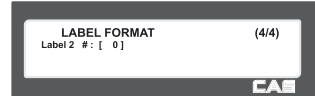
 EX) Label2   # : [11]
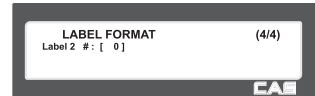
If you do not wish to use the label #2, simply input '0'. It operates in the same manner as the Aux.Label of the PLU input items. If the Aux.Label No. of PLU has already been registered, print with the corresponding label number, and if not, output the inputted Label #2

8. Exit menu
 • If you want to exit, press ESC key.

| × ESC |

2.12.2 Barcode Format (Menu code 1520)

(MENU → 5. Global Setting → 2. Barcode)

Global Barcode Setting provides all-in-one barcode setting by selecting nine different barcode options so that user does not need to save data for individual PLUs one by one. All related barcode data are selected and saved from PLU barcode data table user may already register.

◆ You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Set Global Barcode
   • If you use global barcode, enter 1. If not, enter 0.
   • If you set it to 1, barcode number is ignored which is set in PLU programming
   EX) Use global barcode

| 1 | PRINT |

```
        BARCODE                    (1/4)
Use Global Barcode (1=Y/0=N)     : [ Y ]
PLU Weight Barcode No.           : [ 0 ]
PLU Count Barcode No.            : [ 0 ]
                                    CAS
```

2. Set barcode number for by-weight PLU

EX) PLU Weight barcode No. = 2

| 2 | PRINT |

```
        BARCODE                    (1/4)
Use Global Barcode (1=Y/0=N)     : [ Y ]
PLU Weight Barcode No.           : [ 2 ]
PLU Count Barcode No.            : [ 0 ]
                                    CAS
```

3. Set barcode number for by-count PLU Misc. item

EX) PLU Count barcode No. = 2

| 2 | PRINT |

```
        BARCODE                    (1/4)
Use Global Barcode (1=Y/0=N)     : [ Y ]
PLU Weight Barcode No.           : [ 2 ]
PLU Count Barcode No.            : [ 2 ]
                                    CAS
```

4. Set barcode number for by-PCS PLU

EX) PLU PCS barcode No. = 2

| 2 | PRINT |

```
        BARCODE                    (2/4)
PLU PCS  Barcode No.             : [ 2 ]
PLU Fixed Barcode No.            : [ 2 ]
Misc. Weight Barcode No.         : [ 0 ]
                                    CAS
```

5. Set barcode number for fixed PLU

EX) PLU fixed barcode No. = 2

| 2 | PRINT |

```
        BARCODE                    (2/4)
PLU PCS  Barcode No.             : [ 2 ]
PLU Fixed barcode No.            : [ 2 ]
Misc. Weight Barcode No.         : [ 2 ]
                                    CAS
```

6. Set barcode number for Misc. weight item

EX) Misc. weight barcode No. = 2

| 2 | PRINT |

```
BARCODE                    (2/4)
PLU PCS  Barcode No.         : [ 2 ]
PLU Fixed barcode No.        : [ 2 ]
Misc. Weight Barcode No.     : [ 2 ]
                              CAS
```
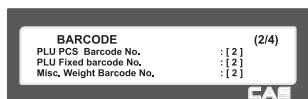
7. Set barcode number for Misc. count item

EX) Misc. Count barcode No. = 2

| 2 | PRINT |

```
BARCODE                    (3/4)
Misc. Count Barcode No.      : [ 2 ]
Misc. pcs Barcode No.        : [ 2 ]
Add-Up TTL Barcode No.       : [ 0 ]
                              CAS
```
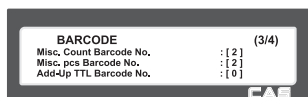
8. Set barcode number for Misc. PCS Item

EX) Misc. PCS barcode No. = 2

| 2 | PRINT |

```
BARCODE                    (3/4)
Misc. Count Barcode No.      : [ 2 ]
Misc. pcs Barcode No.        : [ 2 ]
Add-Up TTL Barcode No.       : [ 0 ]
                              CAS
```
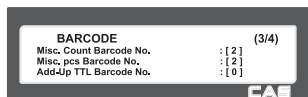
9. Set barcode number for Add-Up Total

EX) Add Up TTL barcode No. = 2

| 2 | PRINT |

```
BARCODE                    (3/4)
Misc. Count Barcode No.      : [ 2 ]
Misc. pcs Barcode No.        : [ 2 ]
Add-Up TTL Barcode No.       : [ 0 ]
                              CAS
```
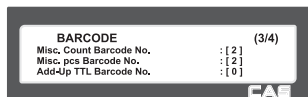
10. Set barcode number for floating Total

EX) Floating TTL barcode No. = 2

| 2 | PRINT |

```
BARCODE                    (4/4)
Floating TTL Barcode No.     : [ 0 ]
                              CAS
```

11. Set barcode2 number

EX) PLU Weight barcode No. = 2
     Note: Barcode 2 will be printed only if it
     is a label with barcode 2 field.

| 2 | PRINT |

```
BARCODE                    (4/4)
Floating  TTL  barcode  No. : [   0]
PLU Barcode2 No.: [   0 ]
                              CAS
```
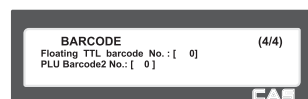
If you do not wish to use barcode2, you simply enter '0'.
It operates in the same manner as the Barcode2 No. of the PLU input items.
If the Barcode2 No. of PLU has already been registered, then, it prints the
corresponding barcode, and if there is no inputted number, then, barcode of the number
inputted here will be outputted.

12. Exit menu
  • If you want to exit, press ESC key.

2.12.3 Tax (Menu code 1540)

(MENU → 5. Global Setting → 4. Tax)

This menu is to set up function about Global Tax.

2.12.3.1 Set Global Tax (Menu code 1541)

(MENU → 5. Global Setting → 4. Tax → 1. Set Global Tax)

1. Setting up Global Tax

It sets up the applied tax when product sales.

- 0 : Do not Use all Tax
- 1 : PLU tax only
- 2 : Global Tax only

```
SET GLOBAL TAX              (1 / 1)
Set Global Tax : [ 1]
    1. PLU tax only
                              CAS
```

2.12.3.2 Global Tax Number (Menu code 1542)

(MENU → 5. Global Setting → 4. Tax → 2. Global Tax No.)

1. Set up Select Tax No.

It sets up the kind of global tax when product sales.

- 0 : Do not Use Tax
- 1 ~ 9 : Select registered tax
(Selection among tax at registered menu 1230, 9 options)

```
GLOBAL TAX NO.             (1 / 1)
Select Tax No. : [ 0 ]
Misc Tax No.   : [  ]
       Don't use TAX rate
                              CAS
```
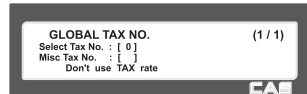
2. Set up Misc Tax No.

It sets up the kind of tax to apply to Misc by Weight, Misc by count, Misc by PCS.

- 0 : Do not Use Misc tax
- 1 ~ 9 : Select registered tax
(Selection among tax at registered menu 1230, 9 options)

```
GLOBAL TAX NO.             (1 / 1)
Select Tax No. : [  ]
Misc Tax No.   : [ 0 ]
       Don't use TAX rate
                              CAS
```
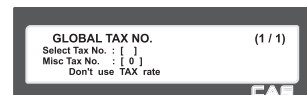
2.13   Printing Programming(Menu code 1700)

(MENU → 7. Print)

This chapter explains how to set printing-related environments, such as print label item, markdown, Hardware, serial number format, and ticket.

▶ PRINT Submenu

PRINT   (1/2)
1. Print Label Item
2. Markdown
3.Printer Hardware

CAS

No	Submenus	Description
1	Print Label Item	Select item(s) which is(are) not printed on label.
2	Markdown	Select "Yes" or "No" to print both of original and discount information on the label.
3	Print Hardware	Set the label type and sensor of printer
4	Serial Number Format	Set the format of serial number to print label or ticket
5	ADD-UP Total	Select add-up total label whether is printed or not
6	Ticket	Set printing item for ticket

2.13.1 Print label item (Menu code 1710)

(MENU → 7. Print → 1. Print Label Item)

If you set any of the items to N, they will not be printed on any labels regardless of the label format.
You can use the **PG UP** and **PG DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

◆ You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

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1. If you do not want to print, enter 0(N),
If you want to print, enter 1(Y).

| 1 | PRINT | **or** | 0 | PRINT |

```
PRINT LABEL ITEM              (1/16)
Department Name   (Y/N) : [N]
Department Number (Y/N) : [N]
Group Number      (Y/N) : [N]
                                CAS
```
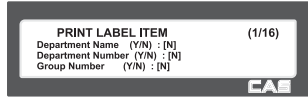
▶ Print Label Item

Page	Item	Page	Item
1	Department Name Department Number Group Number	9	Refer. Net Weight Refer. Gross Weight Percent Tare
2	PLU Number PLU Name 1 PLU Name 2	10	Percent Tare Limit Saved Price Label Serial
3	PLU Name 3 Item Code Unit Weight	11	Store Name Clerk Number Clerk Name
4	Tax Rate Tax Price Tare Weight	12	Customer Name Customer Number Scale Number
5	Pieces Unit Symbol Sell By Date	13	Day of Week Currency Rate Second Total Price
6	Sell By Time Packed On Date Packed On Time	14	Second Unit Price Traceability Nutrition Fact
7	Produced Date Cook By Date Bonus Point	15	Label Caption Total Tax Price Second Add Total
8	Origin Ingredient Sales Message	16	Barcodes Image

2.13.2 Markdown (Menu code 1720)

(MENU → 7. Print → 2. Mark down)

The Markdown Menu is used to determine if both the original and discounted unit price, total price, weight or quantity information is printed on the label. There are 4 sub-menus available.

▶ Markdown Sub-menu

No	Sub-menu	Description
1	Total Price Markdown	Select "Yes" to display both of original total price and the discounted total price if any. Otherwise, select No .
2	Unit Price Markdown	Select "Yes" to display both of original unit price and the discounted unit price if any. Otherwise, select No .
3	Weight Markdown	Select "Yes" to display both of original weight and the discounted weight if any. Otherwise, select No .
4	Quantity Markdown	Select "Yes" to display both of original quantity and the discounted quantity if any. Otherwise, select No .

1. Select Yes or No by using 1 or 0 key and press

| 1 | PRINT | **or** | 0 | PRINT |

```
   MARKDOWN                    (1/2)
Total Price Markdown  (Y/N)  : [ Y ]
Unit Price Markdown   (Y/N)  : [ Y ]
Weight Markdown       (Y/N)  : [ Y ]
                                 CAS
```
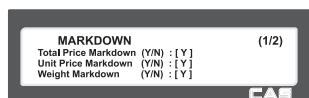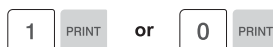
2. After setting all of above MARK DOWN sub-menus use "X/ESC" key or "SAVE" key to go back to PRINT Main menu.

| ✕ ESC | **or** | SAVE |

```
   MARKDOWN                    (2/2)

Quantity Markdown          : [ Y ]
                                 CAS
```
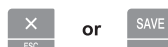
2.13.3 Printer Hardware (Menu code 1730)

(MENU → 7. Print → 1. Printer Hardware)

This section is to explain how to set printing H/W environments in the following table.

1. Press "3" to get into H/W setting mode on Print Menu.

```
3    PRINT
```

```
PRINTER HARDWARE          (1/3)
1. Print Mode
2. Label/Ticket Size
3. Sensor Calibration
                              CAS
```

▶ Printer Hardware Sub-Menu

No.	Sub-menu	Description
1	Print Mode	Select label, ticket or continuous label mode.
2	Label / Ticket Size	If it is Label mode, **"Width(60)", "Height(40)" and "Gap length(2)"** size is set, If it is Ticket mode, **"Width(60)", "Feed(20)" and "End Margin(30)"** size is set. If you use Continuous Label Paper in Label mode, "Gap length" value is applied to "End Margin". * The values in ( ) are default.
3	Sensor Calibration	Enter the **"Gap(128)" and "Peel(128)"** values for printing sensor calibration. * The values in ( ) are default. * If you press "TEST" key, Gap and Peel values are adjusted automatically. * In case of Ticket mode, Gap value is not saved.
4	Sensor & Motor	Set Peel-off sensor, Rewind Motor and Label Paper type
5	Print Intensity	Set the extent of intensity of label (ticket) printed.
6	Adjust Feed Length	Set adjusting values of feed length. This value can be from -200 to +200. You can change sign(+, -) by pressing ZERO key. + value will print higher than THP. * Pressing "TEST" key automatically feeds to adjust the feed length.
7	Label Preprint	You can set preprint length.

2.13.3.1 Print Mode (Menu code 1731)

(MENU → 7. Print → 3. Printer Hardware → 1. Print Mode)

Select "0" for Label Mode, "1" for Ticket Mode or "2" for Continuous Label Mode.

• Press "PRINT" to save.

```
PRINT MODE                    (1/1)
Print Mode (0-2) : [0]
Label Mode
                              CAS
```
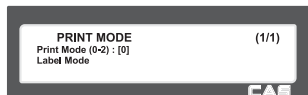
2.13.3.2 Label Size/Ticket Size (Menu code 1732)

(MENU → 7. Print → 3. Printer Hardware → 2. Label Size)

Enter values for "Width", "Height", "Gap Length", "Feed" and "End Margin". If you press "TEST" key, height and gap length of current label is measured.

• If it is Ticket Mode, "TICKET SIZE" is displayed, and "TEST" key is not operated. And "Feed","End Margin" instead of "Height", "Gap Length" shows up.
• If it is Continuous Label Mode, "CONT. LABEL SIZE" is displayed, and "TEST" key is not operated. And "End Margin" instead of "Gap Length" shows up.

```
LABEL SIZE                    (1/1)
Width :[60]mm
Height:[40]mm
Gap Length:[ 2]mm
                              CAS
```

```
TICKET SIZE                   (1/1)
Width :[60]mm
Feed : [20]mm
End Margin :[ 5]mm
                              CAS
```

2.13.3.3 Sensor Calibration (Menu code 1733)

(MENU → 7. Print → 3. Printer Hardware → 3. Sensor Calibration)

Enter appropriate values for "Gap", "Peel", "Out of Paper".

• If you press "TEST" key, Gap and Peel values are adjusted automatically.

• If it is Ticket mode, "Gap" value is not saved.

```
SENSOR CALIBRATION            (1/1)
Gap (Ticket):[128]
Peel:[128]
[TEST]=Auto Calibration
                              CAS
```
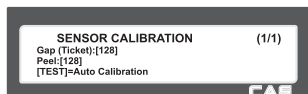
2.13.3.4 Sensor & Motor (Menu code 1734)

(MENU → 7. Print → 3. Printer Hardware → 4. Sensor&Motor)

Enter appropriate values or "Yes" or "No" for "Active peel-off",
"Active rewind motor", "Label paper", and "Active Headup sensor".

• If there is no gap on a label, set Label
  Paper to 0, if there a gap, set it to 1.

• When "Ticket Mode" is in "Print Mode",
  [Peel-off] [Rewind Motor] and [Label Paper]
  do not work.

```
SENSOR & MOTOR            (1/1)
Active Headup sensor              : [ Y ]
                                  CAS
```

2.13.3.5 Print Intensity (Menu code 1735)

(MENU → 7. Print → 3. Printer Hardware → 5. Print Intensity)

Enter any value from "0" to "20".
Press "TEST" to test printing a label.

```
PRINT INTENSITY           (1/1)
Printer Intensity (0-20)      : [10]
[TEST] = Test Intensity
                                  CAS
```
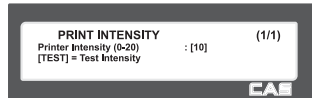
2.13.3.6 Adjust Feed Length (Menu code 1736)

(MENU → 7. Print → 3. Printer Hardware → 6. A djust Feed Length)

Enter any value of the feed alignment from "-200" to "+200".
Press "ZERO" to toggle sign.
Press "TEST" to test feed or "ENTER" to save current "FEED" Length value.

• 1pixel = 0.125mm

Ex) "+80" will print 10mm higher.
Ex) "-40" will print 5mm lower.

```
ADJUST FEED LENGTH        (1/1)
Feed Adjustment (-200~+200):[+  0]
[TEST]=Test, [ZERO]=+ or -
                                  CAS
```
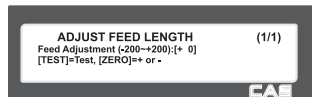
2.13.3.7 Label Preprint (Menu code 1737)

(MENU → 7. Print → 3. Printer Hardware → 7. Label Preprint)

Enter "Y(Yes)" or "N(No)" to select
Preprint mode and any value of the preprint
length from "0 mm" to "10 mm".

```
    LABEL PREPRINT          (1/1)
Preprint Mode   (Y/N)      : [ N ]
Preprint Length  (0-10)    : [ 10]
                                 CAS
```
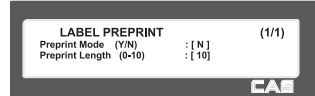
Press "TEST" to test preprinting.

After setting all of above H/W setting
submenus use "X/ESC" key to go back to
PRINT main menu

```
  ×
 ESC
```

2.13.4 Serial Number Format (Menu code 1740)

(MENU → 7. Print → 4. Serial Number Format)

SERIAL NUMBER FORMAT programming is for numbering of label/ticket
issued (printed) on label/ticket. User may identify daily total counts of
label/ticket used up.

① Press "4" to go to SERIAL NUMBER
   FORMAT menu in PRINT main menu.

```
 4
```

```
    SERIAL NUMBER FORMAT        (1/1)
Label Serial No.   : [BBBBB           ]
Ticket Serial No. : [%N%O%:AAAAA      ]
                                    CAS
```
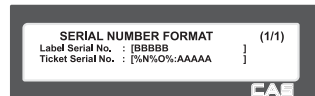
② Enter appropriate data in [ ].

EX) #0001 on label
EX) RCT#001 on ticket

```
 %   #  B  B  B  B  PRINT
 %  R  %  C  %  T  A  A  A  PRINT
```

```
    SERIAL NUMBER FORMAT        (1/1)
Label Serial No.   : [%#BBBB          ]
Ticket Serial No. : [%R%C%TAAA        ]
                                    CAS
```

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Meaning
• I : Item Code
• N : PLU Number
• P : Price
• U : Unit Price
• W : Weight
• Q : Quantity
• D : Department
• G : group
• A : Ticket Counter (Ticket Mode)
• B : Scale Transaction Counter
• F : PLU Prefix Character
• T : Text Character
• R : Transaction Counter of Each PLU
• L : Clerk Number
• % : Print Fixed Character in the Next Space.
• K : Country Code (For Future)

Sample Label Serial Number

#0001

CAS

Sample Ticket Serial Number

RCT#023

CAS
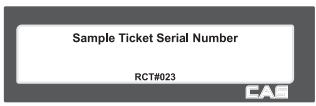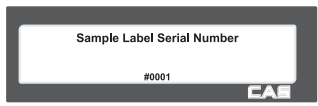
2.13.5 Add-Up Total (Menu code 1750)

(MENU → 7. Print → 5. Add-up Total)

This section shows how to set printing environments of total label and item label when you use ADD-UP sales.

① Press "5" to get into ADD-UP TOTAL
menu in PRINT main menu.

5

ADD-UP TOTAL   (1/1)
Prt. Total Label: [Y]
Prt. Item Label : [Y]

CAS
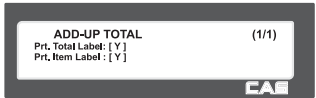
② Press "0" for "No" or "1" for "Yes" in [ ].

```
1   PRINT   0
```

EX) Print Total Label?? - Yes
Print Item Label?? - No

```
ADD-UP TOTAL              (1/1)
Prt. Total Label: [ Y ]
Prt. Item Label: [ N ]
                              CAS
```
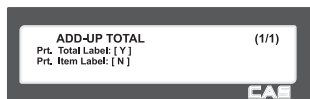
③ Press "PRINT" key to save and go back
   to PRINT main menu

```
×
ESC
```

▶ Add-up setting

ADD-UP Setting	Description
Print Total Label	Total label is printed when you press the PRINT key during add-up sales.
Print Item Label	Item label is printed whenever you press the ADD key.

※ It is applied to Label mode.

2.13.6 Ticket (Menu code 1760)

(MENU → 7. Print → 6. Ticket)

This section shows how to select item(s) (Contents) printed on ticket.

① Press "6" to go to TICKET setting.

```
6
```

```
TICKET                   (1/1)
1. Select Ticket Item
2. Select List Item
                              CAS
```

2.13.6.1 Select Ticket Item (Menu code 1761)

(MENU → 7. Print → 6. Ticket → 1. Select Ticket Item)

① Press "1" to go to SELECT TICKET
   ITEM menu.

```
1   1   PRINT   1   PRINT   1   PRINT
```

Select "Yes" or "No" for "Print List",
"Print Total Barcode" ", "Print Total Label ",
"Print Duplicate Ticket", and "Print List
duplicate ticket".

```
SELECT TICKET ITEM            (1/1)
Prt. Duplicate Ticket : [ N ]
Prt. List (D. Ticket)  : [ N ]
                              CAS
```

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2.13.6.2 Select List Item (Menu code 1762)

(MENU → 7. Print → 6. Ticket → 2. Select List Item)

Before setting list item, you have to set "Print List" to "Y" in menu 1761.

① Press "2" to get into SELECT LIST
ITEM menu.
Select "Yes" or "No" for "Print Store
Name", "Print Clerk Name", "Print Item
Barcode", "Tax Information", and "Print
Traceability".

② And, select appropriate ID # for
"Ticket Head Form" and "Ticket Tail
Form".

| 2 | 1 | PRINT | 1 | PRINT | 1 | PRINT |

```
    SELECT LIST ITEM          (1/3)
Prt. Store Name          : [ Y ]
Prt. Clerk Name          : [ Y ]
Prt. Item Barcode        : [ Y ]
                              CAS
```

| 1 | PRINT | 1 | PRINT | 2 | PRINT | 3 | PRINT |

```
    SELECT LIST ITEM          (2/3)
Prt. Tax Information      : [ Y ]
Prt. Traceability        : [ Y ]
Ticket Head Form No.     : [ 2 ]
                              CAS
```

```
    SELECT LIST ITEM          (3/3)
Ticket Tail Form No.     : [ 3 ]
                              CAS
```
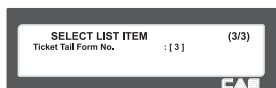
▶ Ticket Format Setting

	Ticket Format Setting	**Description**
Ticket Item	Prt. List (Y/N)	It outputs product list (Detailed item can be set in the following menu, 1762) ■ Printing the list of each sales item(s). * In case of "Yes" selected user can go to "List Item" setting.
	Prt. Total Barcode	It outputs the TTL barcode set at the global barcode ■ Printing total barcode on ticket.
	Prt. Total Label	It outputs the Total label set at the global label format. ■ Printing total amount on ticket.
	Prt. duplicate ticket	All ticket sections with exclusion of the product list are outputted once more. ■ Printing duplication of ticket
	Prt. List (D. ticket)	Same ticket including the product list is issued twice (Print Duplicate Ticket must be set at 'Y' for it to be usable) ■ Printing List of items on duplicated ticket Note : N=Printing amount of only total price for duplicate ticket
List Item	Prt. Store Name	■ Printing store name on ticket.
	Prt. Clerk Name	■ Printing clerk name on ticket.
	Prt. Item Barcode	■ Printing every item s barcode on ticket.
	Prt. Tax Information	■ Printing tax information on ticket.
	Prt. Traceability	■ Printing traceability information on ticket
	Ticket Head Form No.	■ Printing label format No. for ticket head.
	Ticket Tail Form No.	■ Printing label format No. for ticket tail.

※ You have to download label format for Ticket Head Form No. and Ticket Tail
Form No. from PC.

2.13.6.3 Select Ticket Font Size (Menu code 1763)

(MENU → 7. Print → 6. Ticket → 3. Select Ticket Font Size)

It can designate the size of the letters of the item that is printed in the ticket.

▶ Ticket Font Size Setting

Ticket Font Setting	Description
PLU Name	■ Adjust size of product number name
Transaction Data	■ Adjust size of price of unit price weight unit product
Total Value	■ Adjust the size of total price
Ticket Serial No.	■ Adjust the size of ticket issuance number

It can designate from 0 to 3.

※ Size of Subtotal, Tax information, Payment and Print Label cannot be adjusted

2.14   Programming Scale Configuration (Menu code 1800)

(MENU → 8. Scale Config)

This chapter explains how to configure the scale. The main menu of Scale Configuration is shown as below.

```
SCALE CONFIG              (1/3)
1.Sale Mode
2.Operation Mode
3. Scale ID
                          CAS
```

```
SCALE CONFIG              (2/3)
4. Date/Time
5.User/Security Configuration
6.Test
                          CAS
```

```
SCALE CONFIG              (3/3)
7.Scale Parameter
8.Function Key Define
                          CAS
```

2.14.1 Sale Mode (Menu code 1810)

(MENU → 8. Scale Config → 1. Scale Mode)

This section is to select sale mode, which have seven different modes in the following table.

▶ Sale Modes

No.	Sale Modes	Description
1	REG: Ticket & Floating	Selecting Ticket and Floating Clerk Mode.
2	REG: Label	Selecting Label Mode.
3	REG: Prepack	Selecting Prepack Mode.
4	REG: Label & Floating	Selecting Label and Floating Clerk Mode.
5	Manager	Selecting Manager Mode
6	Repack	Selecting Repack Mode (In this mode, report is not updated.)
7	Self Service & Label	Selecting Self Service Mode (In this mode, you can use speed key and some keys. If you want to finish this mode, while pressing MENU key, enter system password and PRINT key)

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▶ Selecting one of following sale modes, user may select an one-stop setting
   for Clerk, Operation, Print, and Prepack mode.

MODE	Clerk Mode	Operation Mode	Print Mode	Prepack Mode
1. REG: Ticket & Floating	Floating Clerk	Regist	Ticket	OFF
2. REG: Label	No Clerk	Regist	Label	OFF
3. REG: Prepack	No Clerk	Regist	Label	ON
4. REG: Label & Floating	Floating Clerk	Regist	Label	OFF
5. Manager	-	Manager	-	OFF
6. Repack	-	Repack	-	OFF
7. Self Service & Label	-	-	Label	OFF

Usually user has to set each option you wish to for clerk, operation, print or prepack
mode. However, user may select simply one-stop sales mode for 7 different
modes-Clerk, Operation, Print, and Prepack mode. User may also set options
for Clerk/Operation mode in MENU 1820 and Print/Prepack mode in MENU 1731.

1. Select a sale mode

| 2 | PRINT |

   EX) Sale mode = 2.REG: Label

```
SALE MODE                    (1/1)
Select Sale Mode    : [2]
  REG : Label
                              CAS
```
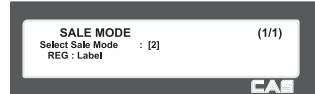

2. Select "Floating & Ticket" mode

| 1 | PRINT |

   EX) Sale mode = 1.REG: Ticket & Floating

```
SALE MODE                    (1/1)
Select Sale Mode    : [1]
REG: Ticket & Floating
                              CAS
```
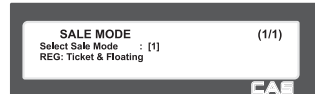
2.14.2 Operation Mode (Menu code 1820)

(MENU → 8. Scale Config → 2. Operation Mode)

This section is to select a clerk and operation mode. There are three different operation modes, REGISTRATION, RE-PACK, MANAGER and three different clerk modes, NO CLERK, STANDARD CLERK, and FLOATING CLERK.

1. Select appropriate "CLERK MODE" and "OPERATION MODE".

| 2 | PRINT |

EX) Clerk Mode=Standard Clerk
Operation mode=Registration

```
OPERATION MODE          (1/1)
Select Clerk Sale Mode      : [2]
Select Oper Mode            : [1]
   Registration
                               CAS
```
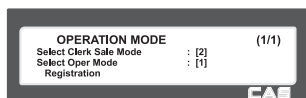
EX) Operation mode=Registration

| 1 | PRINT |

▶ Clerk Modes

No	Clerk Modes	Description
1	No Clerk	Sales clerk do not log in and makes sales using PRINT key.
2	Standard Clerk	Sales clerk can make sales when he/she logs in.
3	Floating Clerk	Plural sales clerks can make sales using own clerk ID.

▶ Operation Modes

No	Operation Modes	Description
1	Registration	Normal sales mode.
2	Repack	Normal sales mode but not included in total sales data(report). Good for clerk training.
3	Manager	In this mode user can access all of functions without any permission.

2.14.3 Department (Menu code 1830)

(MENU → 8. Scale Config → 3. Department)

This section shows how to select current department where scale is being used.
User can use (call up) PLUs only for current department selected in sales mode.
For example, if current department selected is GROCERY user can call up items
registered only in GROCERY department. If user would like to use PLUs registered
in other department than current department he/she should change scale s
department setting. Store No. represents Store Name (or branch number) on
label/ticket printed.

**1. Select "DEPARTMENT No." and
   "STORE ID".**

EX) DEPARTMENT No.= 2 (Grocery)

| 2 | PRINT |

```
        DEPARTMENT              (1/1)
Dept No.            : [2] Grocery
Store No.           : [1] Branch #1
                                   CAS
```

Store No.= 1 (Branch #1)

| 1 | PRINT |

2.14.4 Date & Time (Menu code 1840)

(MENU → 8. Scale Config → 4. Date/Time)

This section is to set scale s DATE & TIME appropriately.

**1. Set appropriate "DATE", "TIME",
   and "MONTH FORMAT".**

EX) DATE= [07.02.04]
TIME= [10:30:00]
Month Format= [1]

```
        DATE / TIME             (1/3)
Date               : [07.02.04] DD-MM-YY
Time               : [10:30:00]
Month Format (0=DEC, 1=12) : [ 1 ]
                                   CAS
```

**2. Set "YEAR FORMAT", TIME
   FORMAT and separator for "DATE".**

EX) Year Format (0=2001, 1=01) = [1]
Time Format(0~3) = [1]
Date Separator = [-]

```
        DATE / TIME             (2/3)
Year Format (0=2001, 1=01) : [ 1 ]
Time Format (0~3) : [ 1 ]
Date Separator : [ - ]
                                   CAS
```

**3. Set separators for "TIME", using
   ASCII code table on page**

EX) Time Separator = [:]

```
        DATE / TIME             (3/3)
Time Separator : [ : ]
                                   CAS
```

☞ Please refer to "ASCII Code Table" (chapter 4.4) to input special characters in Date
   or Time separator.

4. Press "PRINT" key to save it and go out to SCALE CONFIGURATION main menu.

PRINT

```
SCALE CONFIGURATION          (1/2)
1. Sale Mode
2. Operation Mode
3. Department
                                  CAS
```
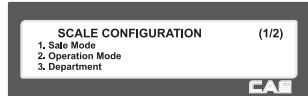
2.14.5 User/ Security Configuration (Menu code 1850)

(MENU → 8. Scale Config → 5. User/Security Configuration)

This section is to create, edit, change, list, delete clerk's security information and configure security level.

2.14.5.1 New/Edit User(Menu code 1851

(MENU → 8. Scale Config → 5. User/Security Con → 1. New/Edit)

Enter appropriate USER data for CLERK number, CLERK NAME, NICKNAME, CLERK PASSWORD, CLERK LEVEL, and Use For Training.

EX) CLERK No.=[2],
CLERK NAME =[CHRISTOPER],
NICKNAME =[CHRIS],
CLERK PASSWORD =[0115],
CLERK LEVEL =[3],
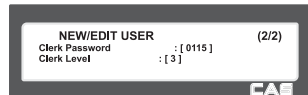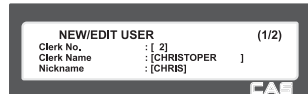
Note: If you use floating mode, you have to register all clerks.

```
NEW/EDIT USER                (1/2)
Clerk No.           : [  2]
Clerk Name          : [CHRISTOPER     ]
Nickname            : [CHRIS]
                                  CAS
```

```
NEW/EDIT USER                (2/2)
Clerk Password           : [ 0115 ]
Clerk Level              : [ 3 ]
                                  CAS
```

▶ NEW/EDIT USER in USER'S Security Condition

No	Operation Modes	Description
1	Clerk No.	This value can be from 1 to 95.
2	Clerk Name	This value is available up to 22 characters.
3	Nickname	This value is available up to 7 characters. It can be printed on a label and displayed on the scale.
4	Clerk Password	4 digit (alphanumeric)
5	Clerk Level	0~3 level

Password: When you enter the password, you have to type clerk number(2digit) and password(4 digit). For example, if your clerk number is 20 and password is 1234, you have to type 201234. Minimum password is 3 digit and maximum password is 6 digit.

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If there is no level 3 clerk, you can use default value. (Clerk No:1, password:1, Level:3) Therefore default password is 011.

• You have to set a level 3 clerk. If there is no level 3 clerk, you can use default password(011) and if any, you cannot use it.

Clerk level: This value can be from 0 to 3. This level is related to menu 1855(Config permission). If clerk 2 is set to level 2, this clerk can use the function which is set to level 1, 2 in menu 1855 and cannot use the function which is set to level 3.

No.	Level	Description
1	0	It is assigned to employees who is registered but do not use scale.
2	1	Lowest level. Normal employees are assigned to level 1.
3	2	It is proper for chief clerk.
4	3	Highest level. It is proper for store manager.

2.14.5.2 Change Password (Menu code 1852)

(MENU → 8. Scale Config → 5. User/Security Con → 2. Change Password)

1. Enter password.
  • Clerk No. (2 digit) + password (4 digit)

  EX) CLERK No.=1 , PASSWORD =2 ->
  012
  CLERK No.=11 , PASSWORD =22 ->
  1122
  CLERK No.=36, PASSWORD =1234
  -> 361234

```
Input Password : [   ]

                           CAS
```

2. New Password
  • Enter new password

  EX) CLERK ID =11, PASSWORD = 22

```
   CHANGE PASSWORD        (1/1)
Clerk No.      : [ 11] Clerk
New Password  : [ 22]
                           CAS
```

2.14.5.3 List User (Menu code 1853)

(MENU → 8. SCALE CONFIG → 5. User/Security Con. → 3. List)

**1. Enter start number and end number
   to check**
   • To list all, press the SAVE key

   EX) 1~10

```
LIST USER                    (1/1)
• Start Number      : [    1]
• End Number        : [   10]
List All • Press  [SAVE] Key
                                    CAS
```

```
  1   PRINT      1   0   PRINT
```

```
No   Level   Name
1      3     JOHNATHAN
2      3     CHRISTOPER
3      2     PHILIP
                                    CAS
```

2.14.5.4 Delete User (Menu code 1854)

(MENU → 8. SCALE CONFIG → 5. User/Security Con. → 4. Delete)

1. Enter clerk number to delete

   EX) Delete clerk no. 2

```
DELETE USER                  (1/1)
Clerk No. : [ 2]  LEE
                                    CAS
```

2.14.5.5 Config Permission (Menu code 1855)

(MENU → 8. SCALE CONFIG → 5. User/Security Con. → 5. Config Permission)

Permission level is related to clerk level and if the clerk level is lower
than permission level, this clerk cannot access that function. Refer to
clerk level on chapter 2.14.5.1
※ If permission level is "0", all clerks can access this function.

   EX) If you set permission level to 2 for price change key and clerk 1 is set to level
       1 and clerk 2 is set to level 2, clerk 1 can not use this key but clerk 2 can use
       this key

▶ Setting Configuration Permission

No	Operating	Description
1	Use Item Change Key	Set a permission level for PLU Change Key. (You can define this function key in menu 1880 on chapter 2.14.22)
2	Use Price Change Key	Set a permission level for price change key. (You can define this function key in menu 1880 on chapter 2.14.22)
3	Use Dept. Change Key	Set a permission level for department change key. (You can define this function key in menu 1880 on chapter 2.14.22)
4	Use Pay Key	Set a permission level for Pay key (You can define this function key in menu 1880 on chapter 2.14.22)
5	Use Date Change Key	Set permission level for data change key. (You can define this function key in menu 1880 on chapter 2.14.22)
6	Use Type Change Key	Set a permission level for PLU type change key.(You can define this function key in menu 1880 on chapter 2.14.22)
7	Use Selection PLU Item	Set a permission level for Selecting PLU item (You can define this function key in menu 1880 on chapter 2.14.22)
8	Use Input Weight Key	Set a permission level for In-weight key (You can define this function key in menu 1880 on chapter 2.14.22)
9	Use Edit Discount Key	Set a permission level for discount (You can define this function key in menu 1880 on chapter 2.14.22)
10	Allow Clerk Sale	Set a permission level for password in floating mode
11	Allow Void	Set a permission level to void item
12	Allow ADD-UP	Set a permission level for add-up sales
13	Allow Return	Set a permission level to return item
14	Allow Override	Set a permission level to override price
15	Allow Cash Drawer Open	Set a permission level to open cash drawer
16	Allow Edit Menu	Set a permission level to go to program menu
17	Allow menu for edit PLU	Set a permission level to edit PLU
18	Allow Price Change	Set a permission level to change price
19	Allow Global Set	Set a permission level for global setting
20	Allow X Report	Set a permission level for X report
21	Allow Z Report	Set a permission level for Zreport
22	Allow Store Data Edit	Set a permission level to edit store data

No	Operating	Description
23	Allow Tax Edit	Set a permission level to edit tax
24	Allow Scale Configuration	Set a permission level for scale configuration
25	Allow Communication Meg.	Set a permission level for communication message
26	Allow Edit Data Table I.	Set a permission level to edit data table I.
27	Allow Edit Data Table II.	Set a permission level to edit data table II.
28	Allow Printer Setting	Set a permission level for printer setting
29	Allow Change Oper. Mode	Set a permission level to change operation mode
30	Allow Change User Param.	Set a permission level to change user param.
31	Allow Set Communication	Set a permission level for communication setting.

You can use the **PG UP** and **PG DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

2.14.5.6 Clerk Key (Menu code 1856)

(MENU → 8. SCALE CONFIG → 5. User/Security Con. → 6. Clerk Key)

You can assign Clerk key to clerk. There are 64 Clerk keys and you have to set these keys in menu 1880 (Key define). See chapter 2.14.8.

1. Enter Clerk Key
• This value can be from 1 to 64.

EX) Clerk Key No. = 2

```
CLERK KEY              (1/1)
Clerk Key : [ 2]
Clerk No.  : [   ]
                        CAS
```

2. Enter Clerk No.

EX) Clerk = 2. LEE

```
CLERK KEY              (1/1)
Clerk Key : [ 2]
Clerk No.  : [  2]  LEE
                        CAS
```

For example if you set "A" key to clerk 2 in menu 1880 (Key define), and call up a PLU and press "A" key in floating sale mode, it is recognized that clerk no. 2 (LEE) sold this item.

2.14.6 Test (Menu code 1860)

(MENU → 8. SCALE CONFIG → 6. Test)

This programming is to test the scale by itself in the 8 fields , such as DISPLAY, A/D, KEYBOARD, CHESS PRINTER, PRINTER SENSOR, MEMORY INFORMATION, FIRMWARE VERSION and COMMUNICATION.

① Press "6" to get into TEST menu.

```
6
```

```
TEST                   (1/3)
1.Display
2.A/D
3.Keyboard
                        CAS
```

```
TEST                   (2/3)
4.Chess Print
5.Printer Sensor
6.Memory Information
                        CAS
```

```
TEST                   (3/3)
7.Firmware Version
8.Communication
                        CAS
```
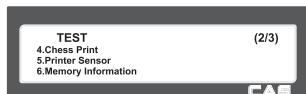
2.14.6.1 Display Test (Menu code 1861)

(MENU → 8. SCALE CONFIG → 6. Test → 1. Display)

To test the display, press "1" on Test menu screen. It automatically tests it. You can exit from testing, by pressing "X/ESC" key.

Note : G-type only shows Chess Print Screen

2.14.6.2 A/D Test (Menu code 1862)

(MENU → 8. SCALE CONFIG → 6. Test → 2. A/D)

To test the A/D, press "2"

ZERO

PT	kg	kg	$/kg	$

0 1862   0 19327

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

```
AD TEST                    (1/1)
Normalized A/D
                            CAS
```
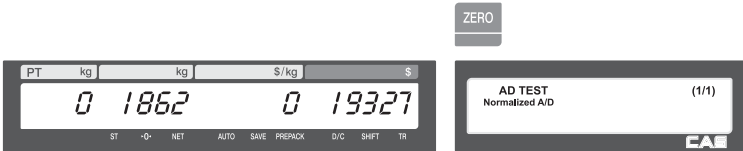
To set zero press "ZERO"
User may exit from this menu, using "X/ESC" key

2.14.6.3 Keyboard Test (Menu code 1863)

(MENU → 8. SCALE CONFIG → 6. Test → 3. Keyboard)

To test keyboard, press "3" Display will
show grid point Press any key to test key pad.
To exit keyboard test, press "ESC" two times.

```
KEYBOARD TEST              (1/1)
Raw Code:[006C]
                            CAS
```
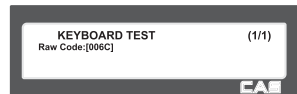
2.14.6.4 Chess Printer Test (Menu code 1864)

(MENU → 8. SCALE CONFIG → 6. Test → 4. Chess Print)

Press "TEST" key to test printing a label.

```
CHESS PRINT                (1/1)
[TEST] = Print Test
[ESC] = Escape
                            CAS
```

2.14.6.5 Printer Sensor Test (Menu code 1865)

(MENU → 8. SCALE CONFIG → 6. Test → 5. Printer Sensor)

To test printer sensor, press "5" on
Test menu screen. The scale shows
the conditions of current printer.

```
   PRINTER SENSOR TEST       (1/2)
Peel-off  : [UNLOCKED]
Head-up  : [CLOSED  ]
                              CAS
```

```
   PRINTER SENSOR TEST       (2/2)
Gap    : [ 68]
Peel   : [ 66]
                              CAS
```
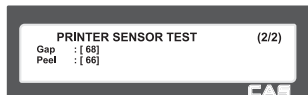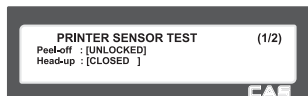
▶ Printer Sensor Test Items

No	Test Items	Description
1	Peel-off	To test that peel-off sensor is properly work.
2	Head-up	To test that TPH is opened or not
3	Gap	To show real time Gap sensor's value.
4	Peel	To show real time peel off sensor's value.

2.14.6.6 Memory Information (Menu code 1866)

(MENU → 8. SCALE CONFIG → 6. Test → 6. Memory Information)

To see memory information, press "6" on
Test menu screen. The display shows
current memory size. 0 indicates 1MB.
You can exit from this menu, by pressing
"X/ESC" key.

```
      MEMORY INFORMATION      (1/1)
            012345
Chip Status   : [00XXX]
Total Flash Size (MB) : 6
                              CAS
```
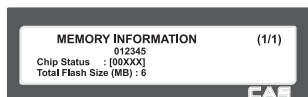
2.14.6.7 Firmware Version (Menu code 1867)

(MENU → 8. SCALE CONFIG → 6. Test → 7. Firmware Version)

You can check firmware version of the
scale.

```
    DEV DESCRIPTION         VERSION
#1 Scale Main F/W           V1.03
#2 AD Module F/W            V0.97
#3 Ethernet                 N/A
                              CAS
```

2.14.6.8 Communication (Menu code 1868)

(MENU → 8. SCALE CONFIG → 6. Test → 8. Communication)

2.14.7 Scale Parameter (Menu code 1870)

(MENU → 8. SCALE CONFIG → 7. Scale Parameter)

You can set scale's environment as below.
▶ Scale Parameter

Menu	Sub-menu	Setting Value	Description
1. Display (Menu code:1871)	Display Discount Info	Y/N	The scale shows discount information.
	Show Clerk Nickname	Y/N	The scale shows clerk's nickname
	PLU Name Align	0: Left alignment 1: Center alignment 2: Right alignment	Set the alignment position of PLU
	Enable Scroll msg with PLU	Y/N	Setting whether scroll massage is showed up or not when PLU is called.
2. Printing (Menu code:1872)	Label prt w.o rewind(x Key)	Y/N	Do not use rewind function when you use "X" key.
	Confirm prt report on label	0:Print automatically 1:Need to confirm to print report and do not confirm any more until power off 2:Need to confirm to print report and do not confirm any more until you exit program mode	Set confrim method when you print report in label mode
	Print origin for comm..line	0: Do not print 1: Print in Name 1 2: Print in Name 2 3: Print in Name 3	Print origin in commodity line.
	Print unit symbol in qty area	Y/N	Print Qty Symbol in qty area.
	Print pieces in unit price area	Y/N	Print Pieces in unit price area.
	Print All report within range	Y/N	Print all report
	Swedish auto barcode	0:Not use 1:Price Auto Code 2:Weight Auto Code	Selection the way and whether using Swedish automatic bar code function
	Print pack type	0:Not use 1:alphabet 2:day(Mon, Tue...) 3:day.year	Setting up the type when packing date is printed
	Print Item when return	0:Do not print 1: Print	Print return list when it returns.

Menu	Sub-menu	Setting Value	Description
3. Sale Setup (Menu code:1873)	Save unit price change	Y/N	Save unit price change.
	Save Type change	Y/N	Save type Change in PLU
	Start save mode (start up)	Y/N	Save mode is active when you turn on the scale.
	PLU clr Aft sale(WT. On Tray)	Y/N	Plu is cleared after printing even though there is an item on the platter.
	Print count w.o misc. key	Y/N	If you enter count, it is considered that misc. Count condition when there is no Misc. Key
	Print weight w.o misc. key	Y/N	If there is an item on the platter, it is considered that misc. weight condition when there is no Misc. Key
	T.price = price + Tax	Y/N	Tax is included in total price
	Shift key instead return Key	Y/N	Use shift key instead of return key.
	Use double speed key	Y/N	Use double speed key
	Use double DATE/TIME key	Y/N	If you double-click, command window will be appear
	Multi-print on discount sale	Y/N	Setting up to print discounted product label repeatedly
	Start auto mede(start up)	Y/N	Setting up to select whether it start with Auto Mode when it boots.
	Enable Quick PLU	Y/N	Once you press the number key, PLU is called immediately.
4. Clerk Logout (Menu code:1874)	Log off after transaction	Y/N	After printing label, automatically Clerk Log off
	Clerk log out Time(0.1s)	1~99	Set clerk log out time.

You can use the **PG UP** and **PG DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

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2.14.8 Function Key Define (Menu code 1880)

You can define function keys to Speed keys. It is recommended that you define function key to higher number Speed key because you can not use that PLU key.

```
PT      kg              kg           $/kg              $

   0    1880                  0               0

        ST   •0•   NET    AUTO  SAVE  PREPACK   D/C   SHIFT   TR
```

```
      FUNCTION KEY DEFINE          (1/1)
  Key Code        : [   ]
  Enter Function Key: [   ]
                                         CAS
```
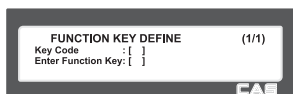
1. Enter key code
Pole type : 72 Speed Keys
Standard type : 48 Speed Keys.
Double body type : 72 Speed Keys
If you press Speed key, the displays shows
the key code of that speed key.

EX1) Standard Type :
EX1) Press last speed key.

```
 R_B      PRINT
```

```
      FUNCTION KEY DEFINE          (1/1)
  Key Code        :[   48]
  Enter Function Key:[    0]
                                         CAS
```
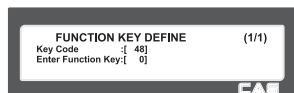
2. Enter function key

EX1) Use 12 Function key (Display Reset)
      Refer to below table.

```
 R_B      PRINT
```

```
      FUNCTION KEY DEFINE          (1/1)
  Key Code       :[   48]
  Enter Function Key:[   12]
                                         CAS
```
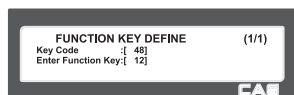
3. To cancel function key.
Enter key code to cancel and set Function
Key No. to 0

EX) Key Code = 42
EX1) Function Key id = 0

If you cancel function key, you can use it
as Speed key.

```
            FUNCTION KEY
  KEY Code        : [  42]
  FUNCTION KEY ID: [   0]
                                         CAS
```
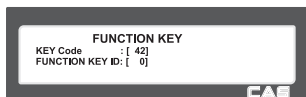
Cf. Double body type
   F1~F4 default setting : Clerk 1 ~ Clerk 4

▶ Function Key.

Function Key	Define	Description
1	[DISC -]	- SALE Key
2	[DISC%]	% SALE Key
3	[SPECIAL SALE]	Special sales unit price
4	[NEGATIVE]	Negative sale
5	[FIXED PRICE]	Fixed Price Key
6	[TYPE CHANGE]	WT/CT Key
7	[CASHOPEN]	Cash Drawer Open Key
8	[GRAND TOTAL]	Grand Total Key
9	[PLU REFERENCE]	Reference PLU Key
10	[IN WEIGHT]	INWeight Key
11	[LABEL/TICKET]	Toggle between the Label and Ticket
12	[DISPLAY RESET]	Display refresh
13	[MISC WEIGHT]	Misc. Weight Key
14	[MISC COUNT]	Misc. Count Key
15	[MISC PCS]	Misc. PCS Key
16	[EDIT SELL]	Sell By Date Change Key
17	[EDIT ORIGIN]	Origin Change Key.
18	[EDIT ITEM]	PLU Change Key
19	[EDIT DATETIME]	Change Date/Time
20	[EDIT D/C]	Set discount for current PLU
21	[EDIT SPEEDKEY]	Change PLU Speed key
22	[EDIT PRICE]	PLU Price Change Key
23	[CLERK CALL]	Clerk key to call indirectly

24	[LAST VOID]	Void Last Sale
25~28	[CURRENCY1~4]	Call Currency Table
29	[BATCH]	Batch Printing
31~39	[TARE KEY1~9]	Call Tare Table
40~42	[UNIT1~3]	Weight Unit Key kg : unit1=1kg, unit2=100g, unit3=N/A lb : unit1=1lb,unit2=1/2lb,unit3=1/4lb
43	[KGLB]	Toggle between the Kg and Lb
44	[PACKDATE]	Pack Date Change Key
45	[TICKET NO]	Edit TicketSerialNumber(Masterscale) input range : 1~99999
50	[PRINTDATE]	Print Date On, Off
51~82	[CLERK(V1~V32)]	Clerk key
83~90	[LABEL1~8]	Label Change Key
91	[EDIT TAX]	Tax Change Key
92	[EDIT TRACE]	Traceability Change Key
93~124	[CLERK(V33~64)]	Clerk key
125	[SCAN CLERK]	Select the scan clerk
126	[BARCODE]	Input barcode number Key
127	[EDIT INGREDIENT]	Edit ingredient Key
128	[LARGE MSG CALL]	Large Message Call Key
129	[SALE SPECIAL]	Change Special Unit Price Key
138	[CUSTOMER NO]	Customer No. Input Key
139	[CUSTOMER CLOSE]	Customer No. close Key
140	[REOPEN]	Reopen Key
0 or 9999		PLU Key

2.15   Report

2.15.1 Introduction

   X mode is used to read (i.e. print and display) sales data. There are variety
of reports that you can generate from X mode. Each of these reports is kept in
two separate counters or "books" called X1 and X2. The X1 and X2 reports
allow you to print reports at any time for either of the reporting periods.
   You can use X1 reports to see current daily totals and X2 reports to see
current weekly totals. The time period combination you chose is completely
dependent upon how you use Z1 and Z2.

   Remember that you can generate as many X reports as you would like
because X mode does NOT clear any sales data.

2.15.2 Report Menu (Menu code 1600)

(MENU → 6. Report)

REPORT (1/2) **1.** X1 Report **2.** Z1 Report **3.** X2 Report CAS	**REPORT** (2/2) **4.** Z2 Report **5.** Clear All CAS

No.	Submenus	Description
1	X1 Report	Print and display sales data of period 1
2	Z1 Report	Print, display and clear sales data of period 1
3	X2 Report	Print and display sales data of period 2
4	Z2 Report	Print, display and clear sales data of period 2
5	Clear All	Clear all reports of period 1 and 2

2.15.3 X1/X2 Report (Menu code 1610/1630)

(MENU → 6. Report → 1. X1 Report / → 3. X2 Report)

There are 7 detailed reports.

```
X1 REPORT            (1/3)
1. Scale
2. PLU
3. Misc. PLU
                          CAS
```

No	Submenus	Description
1	Scale	Print and display scale sales report
2	PLU	Print and display PLU sales report
3	Misc. PLU	Print and display Misc. PLU sales report
4	Group	Print and display group sales report
5	Department	Print and display department sales report
6	Hourly	Print and display hourly sales report
7	Clerk	Print and display clerk sales report

2.15.4 X1/X2 Scale Sales Report (Menu code 1611/1613)

(MENU → 6. Report → 1. X1 Report /3. X2. Report → 1. Scale)

If you press "1" key on X1/X2 Report menu screen, scale sales report is shown on the display.

```
1
```

```
X1 SCALE SALES REPORT        (1/1)
No. from [ 1 ] . to [ 1 ]
Total :$202.28
[TEST]=print
                              CAS
```

To print this report, press "TEST" key.

```
PAY
TEST
```

```
X1 SCALE SALES REPORT        (1/1)
Count:11
Total:$202.28
  Waiting..
                              CAS
```

shows "Do you want to print on label?".
If your label has gap, press 1. if you want to.
print report on ticket, press 0 and change the
setting to Ticket in menu 1731 then change
your label to ticket.

To exit this menu, press the "ESC" key.

▶ Sample - Scale Report

```
X1 SCALE REPORT
AUG−23−04(MON) 09:46:36 AM
Last Reset
AUG−16−04(MON) 03:33:14 PM
================================
SCALE #01
────────────────────────────────
TOTAL COUNT                      267
TOTAL PRICE             $ 5693.70
VOID COUNT                         3
VOID PRICE                 $ 27.30
REPACK COUNT                       0
REPACK PRICE                $ 0.00
OVERRIDE COUNT                     0
OVERRIDE PRICE              $ 0.00
DISCOUNT COUNT                     0
DISCOUNT PRICE             $ 0.00
PREPACK COUNT                      1
PREPACK PRICE               $ 3.05
RETURN COUNT                       0
RETURN PRICE                $ 0.00
NO SALE OPEN COUNT                 0

PAY SUMMARY
   CASH             26     $ 1242.70
   PIN/CHIP          2       $ 12.50
   CHECK             2       $ 82.00
   CREDIT CARD       5       $ 84.40
   CREDIT NOTE       2       $ 61.00
   COUPON            3       $ 17.00
   BONUS POINT       0        $ 0.00
   CREDIT SALES      3       $ 60.00
   CHANGE           17      $ 287.46

TAX SUMMARY
   1:10.00%,Internal      $ 67.39
   2:10.00%,External     $ 242.00
   3: 8.00%,Internal     $ 190.95
   4: 0.00%               $ 0.00
   5: 0.00%               $ 0.00
   6: 0.00%               $ 0.00
   7: 0.00%               $ 0.00
   8: 0.00%               $ 0.00
   9: 0.00%               $ 0.00
────────────────────────────────
================================
```


X1 REPORT   (1/3)
1. Scale
2. PLU
3. Misc. PLU

CAS

2.15.5 X1/X2 PLU Report (Menu code 1612/1632)

(MENU → 6. Report → 1. X1 Report /3. X2 Report → 2. PLU Report)

Press "2" key on X1/X2 Report menu screen.
Enter PLU range to check.

| 2 |

EX) dept 1, PLU 1 ~ 10

```
X1 PLU SALES REPORT          (1/1)
Dept[ 1]
PLU[   1]_to[99999]
                              CAS
```

Enter PLU range to check.

| 1 | PRINT | 1 | PRINT | 1 | 0 |

EX) dept 1, PLU 1 ~ 10

```
X1 PLU SALES REPORT          (1/1)
Dept[ 1]
PLU[   1]_to[  10]
                              CAS
```

PLU sales report is shown on the display by
pressing "PRINT" key.

| PRINT |

```
X1 PLU SALES REPORT          (1/1)
Count:261
Total:$4867.23
 [TEST]=print
                              CAS
```

To print report, press "TEST" key.

| PAY |
| TEST |

```
X1 PLU SALES REPORT          (1/1)
Count:261
Total:$4867.23
 Waiting..
                              CAS
```

* If your scale is in label mode, the scale
  shows "Do you want to print on label?".
* If your label has gap, press 1. if you want
  to print report on ticket, press 0 and
  change the setting to Ticket in menu 1731
  then change your label to ticket.

```
Do you want to print on label?
1=Yes, 0=No

                              CAS
```

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* "Do you want to print on label?" message is displayed depending on the setting of menu 1872
* Confirm Print Report on Label

* If you print report in label mode, rewind motor does not operated so you remove label and then press the PEED key.

To exit this menu, press the "ESC" key.
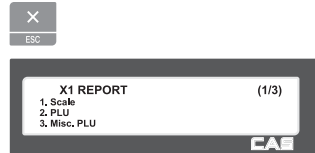
Note: PLU with no sales is not printed.

▶ Sample - PLU Report

```
X1 SCALE REPORT
  AUG-23-04(MON) 09:46:36 AM
  Last Reset
  AUG-16-04(MON) 03:33:14 PM
  Start No:00000, End No:99999
================================
  DEPT #01 Default
--------------------------------

  PLU #00001 APPLE
  TRANSACTION COUNT              84
  WEIGHT                 74.828 kg
  QUANTITY                        0
  PRICE                   $ 681.79
  TAX PRICE                $ 67.39
  PLU #00002 BANANA
  TRANSACTION COUNT              96
  WEIGHT                  0.000 kg
  QUANTITY                       98
  PRICE                  $ 1994.00
  TAX PRICE               $ 196.00
  PLU #00003 ORANGE
  TRANSACTION COUNT              61
  WEIGHT                  0.000 kg
  QUANTITY                       62
  PRICE                  $ 1994.00
  TAX PRICE               $ 196.00
                              . . .

--------------------------------

================================
```

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2.15.6 X1/X2 Miscellaneous PLU Report (Menu code 1613/1633)

(MENU → 6. Report → 1. X1 Report /3. Report → 3. MISC. PLU)

Press "3" key on X1/X2 Report menu screen.

3

X1 MISC. SALES REPORT   (1/1)
Misc(0-2)[0].to[2]

CAS
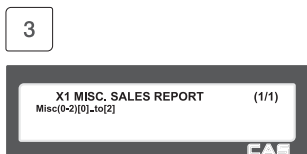
Enter the number to check.
0 : Miscellaneous by-Weight
1 : Miscellaneous by-count
2 : Miscellaneous by-pcs
Ex) Misc. by-weight, Misc. by-count, Misc.
by-pcs

0   PRINT   2

X1 MISC. SALES REPORT   (1/1)
Misc(0-2)[0].to[2]

CAS

Sales report is shown on the display by
pressing "PRINT" key.

PRINT

X1 MISC. SALES REPORT   (1/1)
Count:41
Total:$4867.23
 [TEST]=print

CAS

To print report, press "TEST" key.

PAY
TEST

X1 MISC. SALES REPORT   (1/1)
Count:41
Total:$4867.23
 Waiting..

CAS

Do you want to print on label?
1=Yes, 0=No

CAS

* If your scale is in label mode, the scale
  shows "Do you want to print on label?".
* If your label has gap, press 1. if you want
  to print report on ticket, press 0 and
  change the setting to Ticket in menu 1731
  then change your label to ticket.

* "Do you want to print on label?" message
  is displayed depending on the setting of
  menu 1872
* Confirm Print Report on Label

* If you print report in label mode, rewind
  motor does not operated so you remove
  label and then press the FEED key.

To exit this menu, press the "ESC" key.
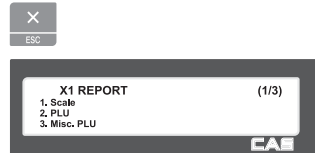
Note: Misc. PLU with no sales is not printed.

▶ Sample - Miscellaneous Report

```
X1 SCALE REPORT
AUG−23−04(MON) 09:46:36 AM
Last Reset
AUG−16−04(MON) 03:33:14 PM
Start No:0, End No:2
================================
--------------------------------
 PLU # Misc By Weight
 TRANSACTION COUNT            84
 WEIGHT               74.828 kg
 QUANTITY                      0
 PRICE                 $ 681.79
 TAX PRICE              $ 67.39
 PLU # Misc by Count
 TRANSACTION COUNT            96
 WEIGHT                0.000 kg
 QUANTITY                     98
 PRICE                $ 1994.00
 TAX PRICE             $ 196.00
 PLU # Misc By PCS
 TRANSACTION COUNT            61
 WEIGHT                0.000 kg
 QUANTITY                     98
 PRICE                $ 1994.00
 TAX PRICE             $ 196.00


-----------------------------
================================
```

2.15.7 X1/X2 Group Report (Menu code 1614/1644)

(MENU → 6. Report → 1. X1 Report /X2. Report → 4. Group)

Press "4" key on X1/X2 Report menu screen.

| 4 |

```
X1 GROUP SALES REPORT        (1/1)
No. from[ 0]..to[99]
                                  CAS
```

Enter group range to check
If you do not set group in PLU setting, it is
1 : Miscellaneous by-count

Ex) Group 0 ~ Group 23

| 1 | PRINT | 2 | 3 |

```
X1 GROUP SALES REPORT        (1/1)
No. from[ 0]..to[23]
                                  CAS
```
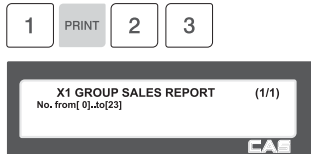
You can see group sales data by pressing
"PRINT" key.

| PRINT |

```
X1 GROUP SALES REPORT        (1/1)
Count:261
Total:$4867.23
 [TEST]=print
                                  CAS
```

To print report, press the "TEST" key.

| PAY |
| TEST |

```
X1 GROUP SALES REPORT        (1/1)
Count:261
Total:$4867.23
 Waiting..
                                  CAS
```

* If your scale is in label mode, the scale
  shows "Do you want to print on label?".
* If your label has gap, press 1. if you want
  to print report on ticket, press 0 and
  change the setting to Ticket in menu 1731
  then change your label to ticket.

```
Do you want to print on label?
1=Yes, 0=No
                                  CAS
```
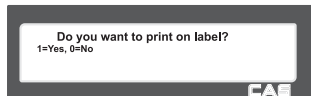
Note: Because of auto gap sensor printer will not print on where the gap is.??

To exit this menu, press "ESC" key.

Note: Misc. If the setting of MENU 1872, "Print All Report within Range" is "No", the group with no sales is not printed. But if "Yes", all group sales data within the range is printed.

▶ Sample - PLU Report

```
X1 SCALE REPORT
AUG−23−04(MON) 09:46:36 AM
Last Reset
AUG−16−04(MON) 03:33:14 PM
Start No:00, End No:99
===============================
GROUP #00 NO Assigned PLU Group
───────────────────────────────
TOTAL COUNT              276
TOTAL PRICE         $5993.70
PREPACK COUNT             1
PREPACK PRICE         $ 3.05
───────────────────────────────
GROUP #01 Vegetable
───────────────────────────────
TOTAL COUNT              276
TOTAL PRICE         $5993.70
PREPACK COUNT             1
PREPACK PRICE         $ 3.05
───────────────────────────────
GROUP #02 Fruit
───────────────────────────────
TOTAL COUNT              276
TOTAL PRICE         $5993.70
PREPACK COUNT             1
PREPACK PRICE         $ 3.05
───────────────────────────────
               . . .
===============================
```

2.15.8 X1/X2 Department Sales Report (Menu code 1615/1635)

(MENU → 6. Report → 1. X1 Report /3.X2 Report → 5. Department)

Press "5" key on X1/X2 Report menu screen.

5

Enter department range to check.

EX) dept 1 ~ dept 10

| 1 | PRINT | 1 | 0 |

```
      X1 DEPT SALES REPORT          (1/1)
      No. from[ 1]..to[10]

                                    CAS
```
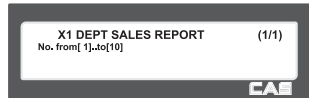
You can see department sales data by
pressing "PRINT" key.
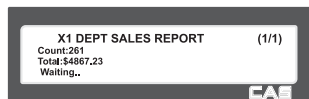
PRINT

```
      X1 DEPT SALES REPORT          (1/1)
      Count:261
      Total:$4867.23
      [TEST]=print
                                    CAS
```

To print report, press the "TEST" key.

PAY
TEST

```
      X1 DEPT SALES REPORT          (1/1)
      Count:261
      Total:$4867.23
      Waiting..
                                    CAS
```

* If your scale is in label mode, the scale
  shows "Do you want to print on label?".
* If your label has gap, press 1. if you want
  to print report on ticket, press 0 and
  change the setting to Ticket in menu 1731
  then change your label to ticket.

```
      Do you want to print on label?
      1=Yes, 0=No

                                    CAS
```

* To exit this menu, press "ESC" key.

×
ESC

```
      X1 REPORT                     (1/3)
      1. Scale
      2. PLU
      3. Misc. PLU
                                    CAS
```
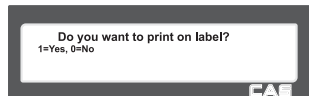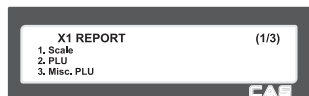
Note: If the setting of MENU 1872, "Print All Report within Range" is "No", the
department with no sales is not printed. But if "Yes", all department sales data
within the range is printed.

▶ Sample - Department Report

```
X1 SCALE REPORT
AUG－23－04(MON) 09:46:36 AM
Last Reset
AUG－16－04(MON) 03:33:14 PM
Start No:01, End No:99
==============================
DEPT #01 Default
─────────────────────────────
TOTAL COUNT                274
TOTAL PRICE        $5993.70
PREPACK COUNT              1
PREPACK PRICE            $ 3.05
RETURN COUNT               0
RETURN PRICE            $ 0.00
─────────────────────────────
DEPT #02 MEET
─────────────────────────────
TOTAL COUNT                274
TOTAL PRICE        $5993.70
PREPACK COUNT              1
PREPACK PRICE            $ 3.05
RETURN COUNT               0
RETURN PRICE            $ 0.00
─────────────────────────────
DEPT #03 FISH
─────────────────────────────
TOTAL COUNT                274
TOTAL PRICE        $5993.70
PREPACK COUNT              1
PREPACK PRICE            $ 3.05
RETURN COUNT               0
RETURN PRICE            $ 0.00
─────────────────────────────
                . . .
==============================
```

2.15.9 X1/X2 Hourly Sales Report (Menu code 1616/1636)

(MENU → 6. Report → 1. X1 Report /3.X2 Report → 6. Hourly)
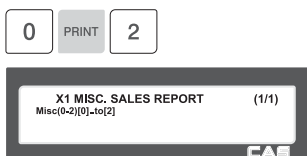
Press "6" key on X1/X2 Report menu screen.

| 6 |

```
X1 HOURLY SALES REPORT        (1/1)
No. from[ 0]..to[23]

                              CAS
```

Enter time to check.

| 9 | PRINT | 1 | 4 |

EX) AM 9 hour ~ PM 2 hour

```
X1 HOURLY SALES REPORT        (1/1)
No. from[ 9]..to[14]

                              CAS
```

You can see hourly sales data by pressing "PRINT" key.

PRINT

X1 HOURLY SALES REPORT   (1/1)
Count:261
Total:$4867.23
 [TEST]=print

CAS

To print report, press "TEST" key.

PAY

TEST

X1 HOURLY SALES REPORT   (1/1)
Count:261
Total:$4867.23
 Waiting..

CAS

* If your scale is in label mode, the scale shows "Do you want to print on label?".
* If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

Do you want to print on label?
1=Yes, 0=No

CAS

* To exit this menu, press "ESC" key

×
ESC

X1 REPORT   (1/3)
1. Scale
2. PLU
3. Misc. PLU

CAS
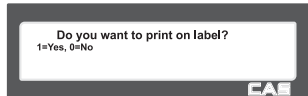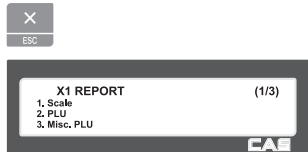
Note: If the setting of MENU 1872, "Print All Report within Range" is No , the hour with no sales is not printed. But if "Yes", all hour sales data within the range is printed.

▶ Sample - hourly Report

```
X1 SCALE REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
Start No:00, End No:23
===============================
HOUR #10
-------------------------------
TOTAL COUNT                 274
TOTAL PRICE            $5993.70
PREPACK COUNT                 1
PREPACK PRICE           $ 3.05
-------------------------------
HOUR #11
-------------------------------
TOTAL COUNT                 274
TOTAL PRICE            $5993.70
PREPACK COUNT                 1
PREPACK PRICE           $ 3.05
-------------------------------
HOUR #13
-------------------------------
TOTAL COUNT                 274
TOTAL PRICE            $5993.70
PREPACK COUNT                 1
PREPACK PRICE               $ 3.05
-------------------------------
              . . .
===============================
```

2.15.10 X1/X2 Clerk Sales Report (Menu code 1617/1637)

(MENU → 6. Report → 1. X1 Report /3.X2 Report → 7. Clerk)

Press "7" key on X1/X2 Report menu screen.

7

```
X1 CLERK SALES REPORT        (1/1)
No. from[ 0]_to[99]

                              CAS
```
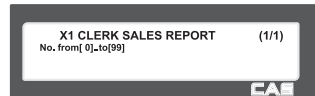
Enter clerk range to check.

0   PRINT   9   9

EX) clerk 0 ~ clerk 99
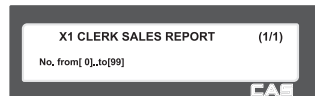
```
X1 CLERK SALES REPORT        (1/1)
No. from[ 0]_to[99]

                              CAS
```

You can see hourly sales data by pressing "PRINT" key.

PRINT

```
X1 HOURLY SALES REPORT        (1/1)
Count:261
Total:$4867.23
 [TEST]=print
                                 CAS
```

To print report, press "TEST" key.

PAY
TEST

```
X1 HOURLY SALES REPORT        (1/1)
Count:261
Total:$4867.23
 Waiting..
                                 CAS
```

* If your scale is in label mode, the scale shows "Do you want to print on label?".
* If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

```
Do you want to print on label?
1=Yes, 0=No

                                 CAS
```

* To exit this menu, press "ESC" key

×
ESC

```
X1 REPORT                     (1/3)
1. Scale
2. PLU
3. Misc. PLU
                                 CAS
```
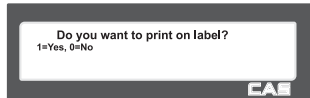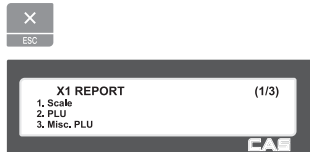
Note: If the setting of MENU 1872, "Print All Report within Range" is No , the hour with no sales is not printed. But if "Yes", all hour sales data within the range is printed.

▶ Sample - Clerk Report

```
X1 SCALE REPORT
X1 CLERK REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
Start No:00, End No:99
================================
CLERK #00 MANAGER
--------------------------------
TOTAL COUNT                     267
TOTAL PRICE              $ 5693.70
VOID COUNT                        3
VOID PRICE               $ 27.30
REPACK COUNT                      0
REPACK PRICE             $ 0.00
OVERRIDE COUNT                    0
OVERRIDE PRICE           $ 0.00
DISCOUNT COUNT                    0
DISCOUNT PRICE           $ 0.00
PREPACK COUNT                     1
PREPACK PRICE            $ 3.05
RETURN COUNT                      0
RETURN PRICE             $ 0.00
NEGATIVE COUNT                    0
NEGATIVE PRICE           $ 0.00
NO SALE OPEN COUNT                0
PAY SUMMARY
   CASH             26    $ 1242.70
   PIN/CHIP          2    $ 12.50
   CHECK             2    $ 82.00
   CREDIT CARD       5    $ 84.40
   CREDIT NOTE       2    $ 61.00
   COUPON            3    $ 17.00
   BONUS POINT       0    $ 0.00
   CREDIT SALES      3    $ 60.00
   CHANGE           17    $ 287.46
------------------------------
CLERK #01 CLERK
------------------------------
TOTAL COUNT                     267
TOTAL PRICE              $ 5693.70
                  . . .
------------------------------
CLERK #02 AHN
------------------------------
TOTAL COUNT                     267
TOTAL PRICE              $ 5693.70
                  . . .
------------------------------
================================
```

154

2.15.11 Z1/Z2 Report (Menu code 1620/1640)

(MENU → 6. Report → 2. Z1 Report / 4. Z2 Report)

If you select menu code 1620, you will see following screen.

```
Z1 SCALE SALES REPORT        (1/1)
Count:296
Total:$6429,48
 [TEST]=print & clear
                              CAS
```
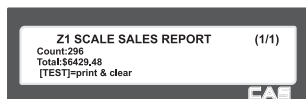
If you want to print and clear the data, press TEST key. The scale shows following screen.

```
Are you sure?(1=y/0=N)

                              CAS
```
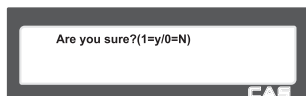
If the print mode(paper type) is different, following message is shown on the display.

```
Are you sure?(1=y/0=N)
Warning : Paper Type is Label

                              CAS
```
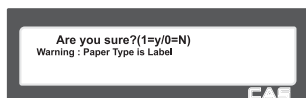
To print and clear, press "1" key. The scale shows following screen.

```
1
```

```
Z1 SCALE SALES REPORT        (1/1)
Count:296
Total:$6429,48
 Wating..
                              CAS
```
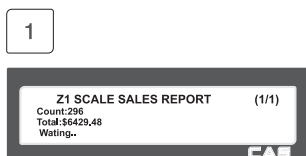
When printing is done, Z1 data is cleared and exit this menu.
Sales data is same with X1 report

```
EPORT                        (1/2)
1. X1 Report
2. Z1 Report
3. X2 Report
                              CAS
```

Note1: If the setting of Parameter 598, "Print when Z Report clear" is "No", you cannot print Z Report.

Note2: If the setting of Parameter 595 "Individual clear(Z report)" is "Yes", you can clear Scale, PLU, Misc. PLU, Group, Department, Hourly, Clerk data is cleared separately.
But if you use this function, each report is not same with scale report.

2.15.12 Clear All Report (Menu code 1650)

(MENU → 6. Report → 5. Clear All)

If you select menu code 1650, you will see
following screen.

REPORT   (2/2)
4. Z2 report
5. Clear All
CAS

To clear all report, press 1 key. If you do not
want to clear, press 0 or ESC key.

1

CLEAR ALL   (1/1)
Are you sure?(1=Y/0=N)
CAS

3. SALES OPERATION

3.1 Basic Operation

This chapter explains basic operation of scale, such as how to set zero, tare, call up a PLU and override unit price in CL5000 series.

■ Turn ON the scale. The first screen will be seen as below for CL5000-B,P,R and H type.

The first screen of CL5000-G is as seen below.
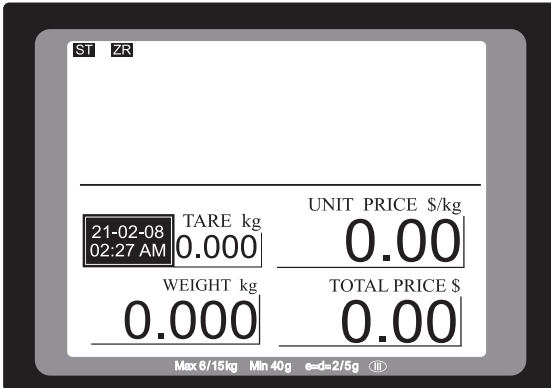
The first screen of Double body Type is as seen below.
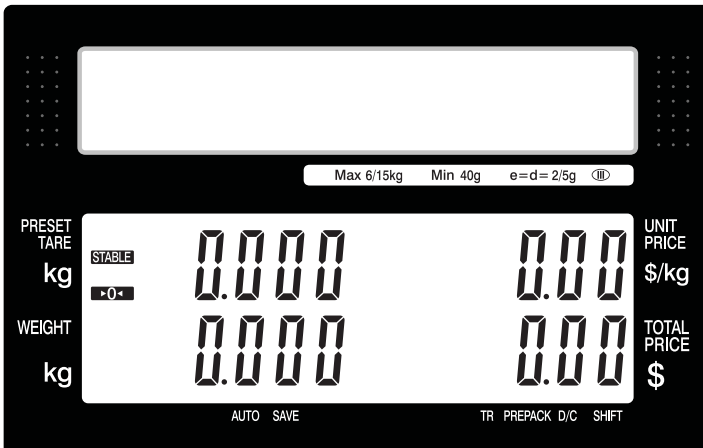
3.2   Zero

You can use the ZERO key to correct for a deviation from zero as long as
there are no PLUs or MISC PLUs called-up. The weight can sometimes drift
from zero due to debris on the platter, leaving objects on the platter for
excessive periods of time, or other environmental factors. To correct this,
remove everything from the platter and press the ZERO key when the stable
indicator "▼" is on. Below is a possible zero drifted state that should be
corrected by simply pressing the ZERO key.

① EX) Initial weight displayed => 0.002.

PT	kg		kg		$/kg			$
0.000		0.002			0.00			0.00
		▼						
	ST	•0•	NET		AUTO SAVE PREPACK	D/C	SHIFT	TR

11:29 AM

CAS
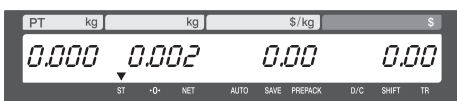
② Press "ZERO" key to set initial zero.

ZERO

PT	kg		kg		$/kg			$
0.000		0.000			0.00			0.00
		▼	▼					
	ST	•0•	NET		AUTO SAVE PREPACK	D/C	SHIFT	TR

11:29 AM

CAS

158
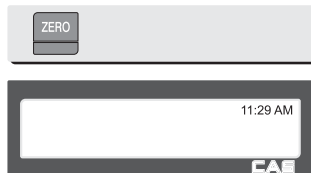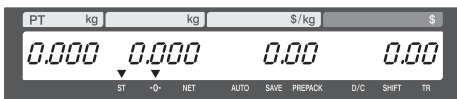
3.3 Tare

You can enter tare weights as long as there are no PLUs or MISC PLUscalled-up. If you need to temporarily override a PLU s tare weight, you must enter the tare weight first and then call-up that PLU.)There are two ways to enter a tare weight and both ways will only work if there is no PLU or MISC PLU called-up.

3.3.1 Manual Tare Entry 1

① Enter a tare weight manually by pressing
   the numeric keys EX) 150 g

PT	kg	kg	$/kg	$
0.000	0.000	1.50	0.00

ST •0• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

11:35 AM

② Press "TARE" key.

PT	kg	kg	$/kg	$
0.150	-0.150	0.00	0.00

ST •0• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

11:36 AM
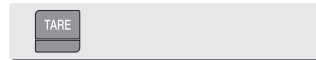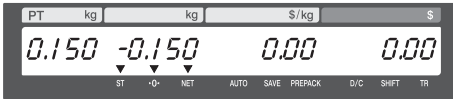
3.3.2 Weighed Tare Entry

① Place the empty container on the platter making sure that the weight is stable
   EX) 0.15 kg

PT	kg	kg	$/kg	$
0.000	0.150	0.00	0.00

ST •0• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

11:35 AM

② Press "TARE" key.

PT	kg	kg	$/kg	$
0.150	-0.150	0.00	0.00

ST •0• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

11:36 AM
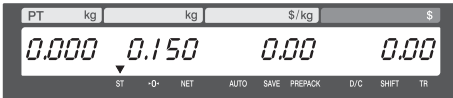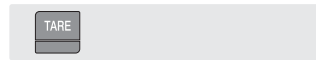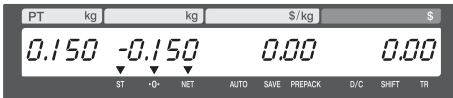
3.3.3 How to Clear Tare

① Remove the item from the platter

PT	kg		kg		$/kg		$
0.150	-0.150			0.00		0.00	

ST •O• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

11:36 AM

CAS

② Press "TARE" key again.

PT	kg		kg		$/kg		$
0.000	0.000			0.00		0.00	

ST •O• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

11:36 AM

CAS
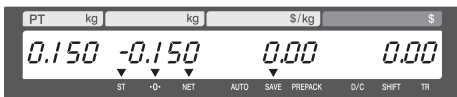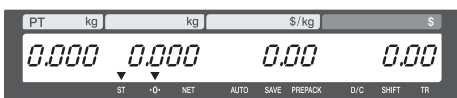
3.3.4 Preset Tare

① Call up a PLU including tare(weight of container).
   EX) PLU #3 s tare =150 g

3   PLU

PT	kg		kg		$/kg		$
0.150	-0.150			5.00		0.00	

ST •O• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

APPLE   11:35 AM

CAS
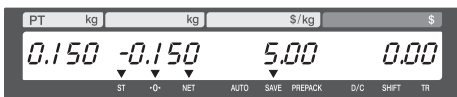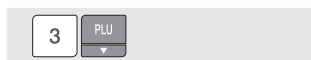
② Clear PLU#3, then tare is also automatically cleared.

3.3.5 Successive Tare

① Enter tare (weight of container) using
   numeric keys.
   EX) 150 g

1   5   0   TARE

PT	kg		kg		$/kg		$
0.150	-0.150			0.00		0.00	

ST •O• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

11:35 AM

CAS
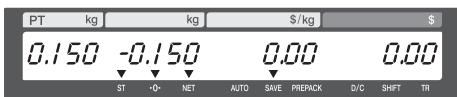
② Enter the weight of container using
   numeric keys.
   EX) 200 g

| 2 | 0 | 0 | TARE |

PT	kg	kg	$/kg	$
0.200	-0.200		0.00	0.00

ST   •0•   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

11:36 AM

CAS
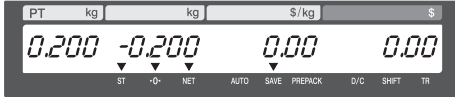
③ Press "TARE key after removing item and container from the platter.

Note: Parameter 605 "Accumulation Tare" and parameter 606 "Subtraction Tare" must be set.

3.4   Calling Up a PLU

There are two ways to call up a PLU by using numeric key and preset key(speed key).

3.4.1 Using Numeric Key

① Enter PLU number by using numeric keys and
   press "PLU" key.
   EX) PLU No. 15

PT	kg		kg		$/kg		$
0.000		-0.000			0.15		0.00

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

1	5	PLU

11:35 AM

CAS

Note: Even though you do not press PLU key after entering a PLU number,
PLU will be displayed depending on the setting time. It takes time to call up a
PLU depending on the setting of parameter, 586 "Indirect PLU Call Time".

3.4.2 Using Speed Key

To call-up PLU number 79, and you programmed Speed key #5 to be PLU
number 79, then you need to press the following key: Speed key #5.
Note: You have to set Speed key in program mode (Menu 1160 on chapter 2.6)

① Press a speed key (which is save as a PLU).
   EX) PLU #79=Apple, Speed key #5

PT	kg		kg		$/kg		$
0.000		0.000			3.00		0.00

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

APPLE   11:35 AM

CAS

3.5 Override (FOR key)

The OVERRIDE key is used to temporarily change the pricing of priced PLUs.

➡ If you set program menu 1873(Save unit price change), changed priced is
  saved after printing a label.

3.5.1 By-Weight PLU

- PLU# 1.MEAT (PLU Type : By weight, Unit Price : 1.99$).

① Press OVERRIDE key.

| OVER
RIDE | |

PT	kg		kg		$/kg		$
0.000		*0.272*		*1.99*		*0.54*	
			ST •0• NET	AUTO SAVE PREPACK	D/C SHIFT TR		

MEAT   R1   11:35 AM   CAS

② Enter new unit price.

| 1 | 5 | 0 |

PT	kg		kg		$/kg		$
0.000		*0.272*		*1.50*		*0.41*	
			ST •0• NET	AUTO SAVE PREPACK	D/C SHIFT TR		

MEAT   R1   11:35 AM   CAS

③ Press PRINT key to print label.

| PRINT | |

PT	kg		kg		$/kg		$
0.000		*0.272*		*1.50*		*0.41*	
			ST •0• NET	AUTO SAVE PREPACK	D/C SHIFT TR		

MEAT   R1   11:35 AM   CAS
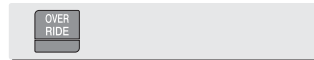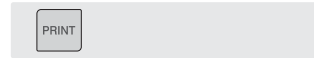
3.5.2 By-Count PLU

- PLU# 2.APPLE (PLU Type : By count, Unit Price : 1.00$).

① Press OVERRIDE key.
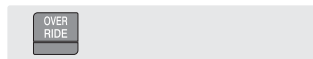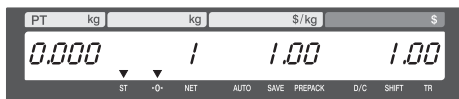
```
OVER
RIDE
```

PT	kg	kg	$/kg	$
0.000		1	1.00	1.00

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT   TR

APPLE   R1   11:36 AM

CAS

② Enter QUANTITY and press FOR key.

```
3   FOR
```

PT	kg	kg	$/kg	$
0.000		3	1.00	3.00

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT   TR

APPLE   11:35 AM

CAS

③ Enter new unit price.

```
1   5   0
```

PT	kg	kg	$/kg	$
0.000		3	1.50	4.50

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT   TR

APPLE   R2   11:36 AM

CAS

④ Enter QUANTITY and press FOR key.

```
PRINT
```

PT	kg	kg	$/kg	$
0		3	1.50	4.50

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT   TR

APPLE   11:35 AM

CAS
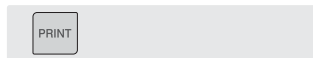
3.5.3 By-PCS PLU

- PLU# 3.Eggs (PLU Type : By PCS, Pieces : 3, Unit Price : 30.00$).

① Press OVERRIDE key.

| OVER RIDE |

PT	kg	kg	$/kg	$
0	3- 3	30.00	30.00
ST	-0-	NET	AUTO	SAVE	PREPACK	D/C	SHIFT	TR

Eggs R1 11:35 AM CAS

② Enter QUANTITY and press FOR key.

| 5 | FOR |

PT	kg	kg	$/kg	$
0	5- 3	30.00	50.00
ST	-0-	NET	AUTO	SAVE	PREPACK	D/C	SHIFT	TR

Eggs R2 11:36 AM CAS
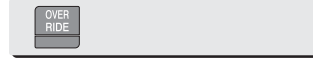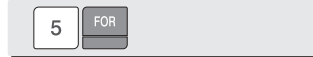
③ Enter PIECES and press FOR key

| 2 | FOR |

PT	kg	kg	$/kg	$
0	5- 2	30.00	75.00
ST	-0-	NET	AUTO	SAVE	PREPACK	D/C	SHIFT	TR

Eggs R3 11:35 AM CAS

④ Enter new unit price.

| 3 | 5 | 0 | 0 |

PT	kg	kg	$/kg	$
0	5- 2	35.00	87.50
ST	-0-	NET	AUTO	SAVE	PREPACK	D/C	SHIFT	TR

Eggs R3 11:35 AM CAS

⑤ Press PRINT key to print label.

| PRINT |

PT	kg	kg	$/kg	$
0	0.00	0.00	0.00
ST	-0-	NET	AUTO	SAVE	PREPACK	D/C	SHIFT	TR

11:36 AM CAS
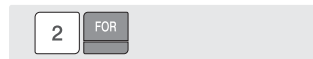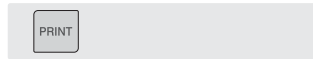
Note: - If you set program menu 1873(Save unit price change), changed priced is
saved after printing a label.
- If you set parameter 501(Ride Second Position), you can change unit price
of by-count PLU and pcs of by-pcs PLU directly.
- Discount function is not available when you use OVERRIDE key.

3.6   Sales Operation

3.6.1 Weighed Item Operation

EXAMPLE:
- PLU No : 29, PLU Name: ONION, PLU type : by weight, Unit Price : 1.50$,
- Sales Weight =1.0kg

① Press Speed key to call up a PLU.
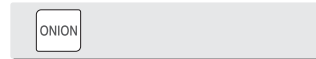
PT	kg	kg	$/kg	$
	0.000	0.000	1.50	0.00

ST   •0•   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ONION

ONION   11:35 AM

User may call up a PLU by pressing speed key or numeric key. Please refer
to chapter 3.4 for details.

② Place the item(s) on the platter.

PT	kg	kg	$/kg	$
	0	1.000	1.50	1.50

ST   •0•   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ONION   11:36 AM

③ Press "PRINT" key to print a label and
   complete current transaction. This
   transaction(s) is saved in the sales record.

PRINT

ONION
PACKED ON DATE   PRICE $/kg   NT kg
04-JUL-28   1.50   1.000
TOTAL PRICE $
1.50
CAS CORPORATION

PT	kg	kg	$/kg	$
	0	1.000	1.50	1.50

ST   •0•   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ONION   11:35 AM

④ Remove the item(s) from the platter.


```
PT      kg              kg            $/kg              $
        0   0.000            0.00              0.00
            ST   ·0·  NET   AUTO  SAVE  PREPACK   D/C   SHIFT   TR
```

```
                                                    11:36 AM


                                                        CAS
```

* Total Price= Sales weight X Unit price

Note: - In "SAVE" & "Prepack" mode the PLU is not automatically cleared
   when you remove the item from the platter.
 - If you set "PLU clr Aft sale(WT.OnTray)" to "Y" in Menu 1873, PLU is
   cleared even though you do not remove the item from the platter.
   (See chapter 2.14.7.3 for menu 1873)

3.6.2 By Count Item

EXAMPLE:
  - PLU No : 31, PLU Name: MANGO, PLU type = By-Count, Unit Price: 1.99$,
  - Sales 20 pieces.

① Press numeric key(s) to call up a PLU.

```
  3    1   PLU
```

```
PT      kg              kg            $/kg              $
 0.000            1            1.99             1.99
            ST   ·0·  NET   AUTO  SAVE  PREPACK   D/C   SHIFT   TR
```

```
                                                    11:35 AM
MANGO

                                                        CAS
```

l User may call up a PLU by pressing speed key or numeric key. Please refer
to chapter 3.4 for details.

② Enter the number of pieces.
   EX) 20 pieces.
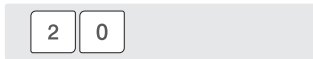
```
  2    0
```

```
PT      kg              kg            $/kg              $
 0.000           20            1.99            39.80
            ST   ·0·  NET   AUTO  SAVE  PREPACK   D/C   SHIFT   TR
```

```
                                                    11:35 AM
MANGO

                                                        CAS
```

③ Press "PRINT" key to print a label and
complete current transaction. This
transaction(s) is saved in the sales record.

* Total Price= Piece(s) X Unit price

Note: - In "SAVE" & "Prepack" mode, the PLU called up is not automatically
cleared when you remove the item from the platter.

3.6.3 By PCS Item

EXAMPLE:
- PLU No : 30, PLU Name: ORANGE, PLU type = By PCS, PIECES: 5,
  Unit Price : 1.99$
- Sales = 20 pieces. [QUANTITY item]

① Press numeric key(s) to call up a PLU.

PT	kg	kg	$/kg	$
0.000		5- 5	1.99	1.99

ST   •0•   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ORANGE   11:35 AM
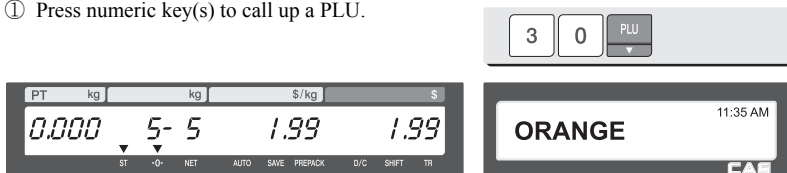
l User may call up a PLU by pressing speed key or numeric key. Please refer
to page 143 for details.

② Enter QUANTITY [the number of Pieces].
EX) 20 pieces.
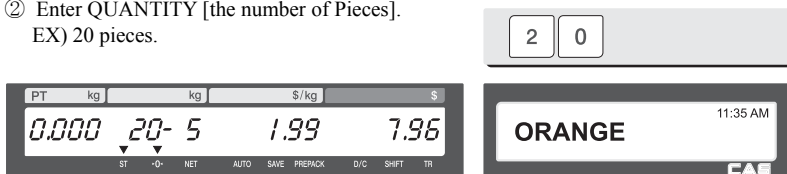
PT	kg	kg	$/kg	$
0.000		20- 5	1.99	7.96

ST   •0•   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ORANGE   11:35 AM

③ Press "PRINT" key to print a label and
complete current transaction. This
transaction(s) is saved in the sales record.

* Total Price= QUANTITY X [Unit price / PIECES]

Note: - In "SAVE" & "Prepack" mode the PLU is not automatically cleared
when you remove the item from the platter.

3.7 Discount

Before using discount function, you have to set discount data in menu 1130 of program mode. Discount is different depending on PLU type. (For details, see chapter 2.4.1)

3.7.1 Unit Price Discount - By Weight PLU

EXAMPLE:
- PLU# 29=Water Melon (By-Weight PLU), Unit price=20.00

• 1st Target of Discount: "Discount amount from unit price"=0.50 for weight 0.500.
• 2nd Target of Discount: "Discount amount from unit price"=1.00 for weight 1.000.

① Call up a PLU.

PT	kg	kg	$/kg	$
0.000	0.000	20.00		0.00

ST ·0· NET AUTO SAVE PREPACK D/C SHIFT TR

DC 0.00-0.00   11:35 AM
KIWI   CAS

② Place an item on the platter. In this case, discount is not available because the weight of this item (0.489 kg) is lower than 1st target(0.500 kg).

PT	kg	kg	$/kg	
0.000	0.489	20.00		9.78

ST ·0· NET AUTO SAVE PREPACK D/C SHIFT TR

DC 9.78-0.00   11:35 AM
KIWI   CAS

③ Place an item on the platter. In this case, discount is possible because the weight of item(0.526 kg) is greater than 1st target (0.500kg) therefore the total price is 10.26.

PT	kg	kg	$/kg	$
0.000	0.526	19.50		10.26

ST ·0· NET AUTO SAVE PREPACK D/C SHIFT TR

DC 10.52-0.26   11:35 AM
KIWI   CAS

④ Place items on the platter. In this case, discount is
  possible because the weight of item(1.076 kg) is
  greater than 1st target(0.500kg) therefore the total
  price is 20.44$.
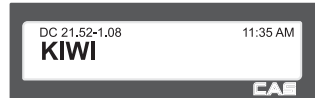
PT	kg	kg	$/kg	$
	0	1.076	19.00	20.44

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT TR

DC 21.52-1.08   11:35 AM
KIWI
                                   CAS

⑤ Press the PRINT key. Markdown(STRIKE
  THROUGH) is printed on label as figure.

PT	kg	kg	$/kg	$
	0	1.076	19.00	20.44

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT TR

DC 21.52-1.08   11:35 AM
KIWI
                                   CAS

Note: - You can set four markdown information in menu 1720 of program
         mode.(See chapter 2.13.3)
       - If you set "display discount info." to "Y" in menu 1871 of program
         mode, you can see total price and discount information on the display.
         (See chapter 2.14.21)

3.7.2 % Unit Price Discount - By Weight PLU

  EXAMPLE:
    - PLU# 29=ORANGE (By-Weight PLU), Unit price=20.00

    • 1st Target of Discount: "10 % off from unit price" for sales weight 0.500 kg.
    • 2nd Target of Discount: "20 % off from unit price" for sales weight 1.000 kg.

① Call up a PLU.

| 2 | 9 | PLU |

PT	kg	kg	$/kg	$
0.000	0.000	20.00		0.00

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT TR

DC 0.00-0.00   11:35 AM
ORANGE
                                   CAS

* User may call up a PLU by pressing speed key or numeric key. Please refer
 to chapter 3.4 for details.

② Place an item on the platter. In this case, discount
is not available because the weight of this item
(0.489 kg) is lower than 1st target(0.500 kg).

PT	kg		kg		$/kg	
0.000		0.489		20.00		9.78

ST ·0· NET   AUTO SAVE PREPACK   D/C   SHIFT TR

DC 9.78-0.00   11:36 AM
ORANGE
                                    CAS

③ Place items on the platter. In this case, the
weight of items(0.526 kg) is greater than
1st target(0.500 kg) therefore you can have
10% discount. (Total price is 9.47)

PT	kg		kg		$/kg	$
0.000		0.526		18.00		9.47

ST ·0· NET   AUTO SAVE PREPACK   D/C   SHIFT TR

DC 10.52-1.05   11:36 AM
ORANGE
                                    CAS

④ Place items on the platter. In this case, the
weight of items(1.076kg) is greater than
2nd target(1.000kg) therefore you can have
20% discount. (Total price is 17.22)

PT	kg		kg		$/kg	$
0		1.076		1.60		17.22

ST ·0· NET   AUTO SAVE PREPACK   D/C   SHIFT TR

DC 21.52-1.08   11:36 AM
ORANGE
                                    CAS

⑤ Press the PRINT key. Markdown(STRIKE
THROUGH) is printed on label as figure.

PRINT

ORANGE

04 JUL 29   1.6%

17.22

CAS CORPORATION

3.7.3 Unit Price Discount - By PCS PLU

EXAMPLE 2:
- PLU# 30=PREMIUM MANGO, 3 pieces FOR 6.00

• 1st Target of Discount: "Discount amount from unit price"=0.20 for sales 5 pieces.
• 2nd Target of Discount: "Discount amount from unit price"=0.50 for sales 10 pieces.

① Call up a PLU.

| 3 | 0 | PLU ▼ |

PT	kg		kg		$/kg		$
0.000	3-		3		6.00		6.00

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT TR

DC 6.00-0.00   11:35 AM
P.MANGO
CAS

② Enter quantity. In this case, 5 is greater than 1st Target (5), unit price(0.20$) is discounted.

| 5 |

PT	kg		kg		$/kg		$
0.000	5-		3		5.80		9.67

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT TR

DC 10.00-0.33   11:35 AM
P.MANGO
CAS
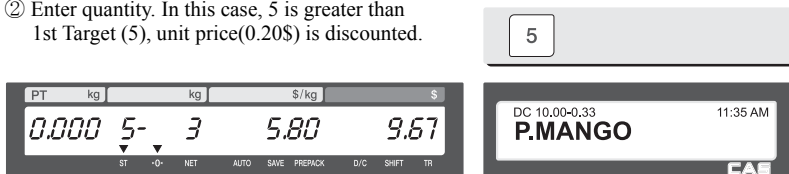
③ Enter quantity. In this case, 11 is greater than 2nd Target (10), unit price(0.50$) is discounted.

| 1 | 1 |

PT	kg		kg		$/kg		$
0.000	11-		3		5.50		20.17

ST •0• NET   AUTO SAVE PREPACK   D/C SHIFT TR

DC 22.002-1.83   11:35 AM
P.MANGO
CAS
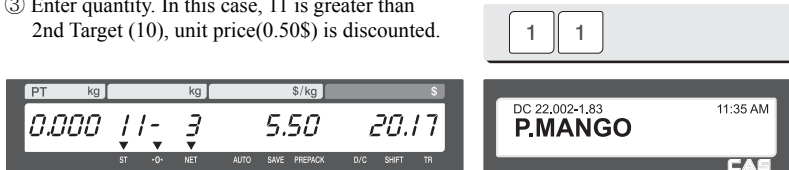
④ Press the PRINT key. Markdown(STRIKE THROUGH)s printed on label as figure.

PRINT

P.MANGO

CAS CORPORATION

Note: - You can set four markdown information in menu 1720 of program mode.(See chapter 2.13.3)

3.8   Add-Up Transaction

If you press the ADD key instead of the PRINT key, you will initiate the
ADD-UP process. You can ADD-UP 399 items maximum.

EXAMPLE 2:
- PLU# 32=SIRLOIN, PLU Type = By-Weight, Unit Price=20.00,
- PLU# 35=T-bone Steak, PLU Type = By-PCS, Pieces=3, Unit Price=6.00

① Call up a PLU and place item on the platter.

PT	kg	kg	$/kg	
0.000	*0.489*	*20.00*	*9.78*	

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

SIRLOIN   11:35 AM
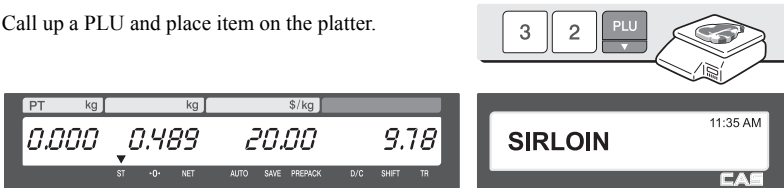
② Press ADD key. PLU is cleared automatically.
You will see the display as below. Remove item
from the platter.
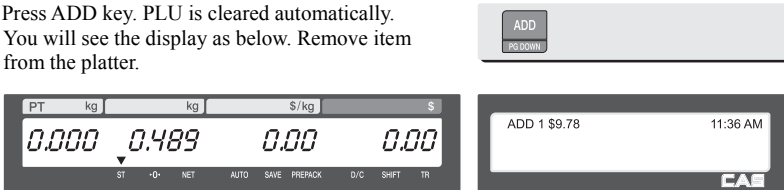
PT	kg	kg	$/kg	$
0.000	*0.489*	*0.00*	*0.00*	

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ADD 1 $9.78   11:36 AM

③ Call up a PLU. and place item on the platter

PT	kg	kg	$/kg	$
0.000	*2- 3*	*6.00*	*4.00*	

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

T-BONE   11:36 AM

④ Press ADD key. PLU is cleared automatically.
   You will see the display as below.

ADD
PG DOWN

PT	kg	kg	$/kg	$
0.000	0.000	0.00	0.00

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ADD 2 $13.78   11:36 AM

CAS
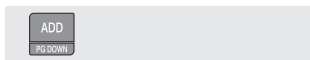
⑤ You can repeat the ADD-UP process up to 100
   times or you can press the ST/TTL key at
   anytime to see the grand-total.

ST
TTL

PT	kg	kg	$/kg	$
0.000	0.000	0.00	0.00

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

Total Count 2, Void Count 0
Total $ 13.78

CAS
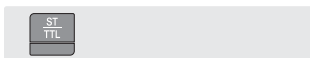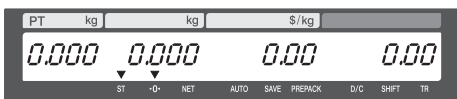
⑥ To complete the sale, press the PRINT key.
   (To repeat the ADD-UP process, press the
   ESC key.)

PRINT

TOTAL

04-JUL-28 16:51:50   2

TOTAL PRICE $
13.78

CAS CORPORATION

PT	kg	kg	$/kg	$
0.000	0.000	0.00	0.00

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

04-03-02

CAS

Note: - You can press the VOID key to undo the transaction. (See chapter 3.10).

- If you set "Print Item Label" to "Y" in menu 1750 of program mode,
  label will be printed whenever you press the ADD key. (See chapter 2.13.3)

- Even though you turn off the scale before printing a grand total label,
  add-up data is not cleared.

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3.9 Clerk Operation

There are three clerk modes as below.

▶ Clerk Modes

No	Clerk Modes	Description
1	No Clerk	Sales clerk does not log in and makes sales using "PRINT" key.
2	Standard Clerk	Generating a standard clerk transaction is the same as any sales mode transaction except that you do NOT press the PRINT key; instead you must press one of the V(Clerk-Speed) keys (1 through 4) You can print total price label depending on the setting.
3	Floating Clerk	Generating a standard clerk transaction is the same as any sales mode transaction except that you do NOT press the PRINT key; instead you must press one of the V(Clerk-Speed) keys (1 through 4) You can print total price label depending on the setting. Sales data is added automatically.

☞ To register clerk, refer to menu code 1850 of program mode. (See chapter 2.14.5)

Assumption

- Clerk should be registered on menu 1850. (See chapter 2.14.5)

- Clerk number should be set on menu 1856 to use "V1~ V64"
  keys (See chapter 2.14.5.6) If the clerk is not assigned to V1~V64, this
  clerk has to enter password after pressing V key.

- All clerks can use "V" key.

* Up to 100 transactions are available in Clerk mode

* Sales data is saved in memory.

* If you press PRINT key to complete transaction, grand total price is
  printed and sales data is cleared from memory.

* If you want to see total price before completing transaction, press the
  ST/TTL key. To print, press the PRINT key.

* Even though you turn off the scale before printing, sales data is not cleared.

● If you want to print ticket when you log out, press V1~V64 to log on and press
  the PRINT key. You can also check total price by pressing ST/TTL key after log
  on.

Note: - You have to set Clerk log out time in menu 1874 of program mode. (See chapter 2.14.7) If you do not call a PLU and do not operate the scale, time is computed. To set 30 seconds for logout time, enter 300. If you do not want to log out, enter 0.

   - When there is no PLU, you can print ticket again by pressing X key (It depends on the setting of parameter 599, Print last ticket)

3.9.1 Standard Clerk Operation

Assumption
   - You have to set "Select Clerk Sale mode" to "2" (Standard Clerk) in menu 1820 of program mode. (See chapter 2.14.3)

EXAMPLE 2:
   Clerk No: 2, Clerk Name: Christine, Clerk Key: V1
   PLU#1=Apple, Unit Price 10.00, Weight, 1.2 kg
   PLU#2=Orange, Unit Price 20.00, Weight, 1.2 kg

① Call up a PLU.
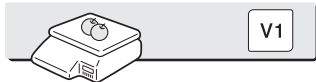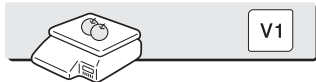
| 1 | PLU ▼ |

PT	kg	kg	$/kg	$
0.000	0.000	10.00	0.00
ST •0• NET AUTO SAVE PREPACK D/C SHIFT TR

APPLE   11:35 AM
                          CAS

② Place an item and press V1 key. You will get a label automatically.

| V1 |

PT	kg	kg	$/kg
0.000	1.200	10.00	12.00
ST •0• NET AUTO SAVE PREPACK D/C SHIFT TR

APPLE   11:35 AM
                          CAS

③ Call up a PLU.

| 2 | PLU ▼ |

PT	kg	kg	$/kg	$
0.000	0.000	20.00	0.00
ST •0• NET AUTO SAVE PREPACK D/C SHIFT TR

ORANGE   11:35 AM
                          CAS

④ Place an item and press V1 key. You will get a label automatically.

PT	kg	kg	$ / kg	$
0.000	1.200	20.00	24.00	

ST   -0-   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

V1

ORANGE   11:35 AM

CAS
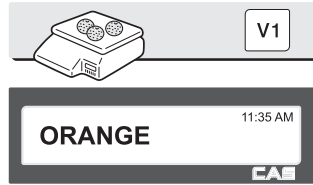
⑤ Press the PRINT key to complete transaction. If you are in ADD-UP mode, you can have label for grand total price.

PT	kg	kg	$ / kg
0.000	1.200	0.00	0.00

ST   -0-   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

PRINT

11:35 AM

CAS
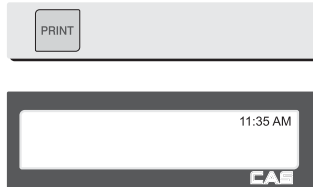
Note: - If you are in ADD-UP mode, you can have label for grand total price by pressing PRINT key. When you turn on the scale, this function is not active so you have to press ADD key.

3.9.2 Floating Clerk Operations

Assumption
  - You have to set Select Clerk Sale mode to 3 (Floating Clerk) in menu 1820 of program mode. (See chapter 2.14.3)

EXAMPLE :
  Clerk No: 2, Clerk Name: Christine, Clerk Key: V1
  PLU#1=Apple, Unit Price 10.00.
  PLU#2=Orange, Unit Price 20.00 10 pieces.

① Call up a PLU.
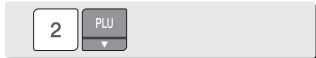
PT	kg	kg	$ / kg	$
0.000	0.000	10.00	0.00	

ST   -0-   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

1   PLU

APPLE   11:35 AM

CAS
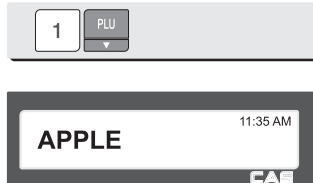
② Place an item on the platter and press the V1 key. This transaction is save to memory.

PT	kg		kg		$/kg		$
0.000		1.200		10.00		12.00	

ST •0• NET AUTO SAVE PREPACK D/C SHIFT TR

V1

APPLE   11:35 AM

CAS

③ Call up a PLU #2.

2   PLU

PT	kg		kg		$/kg		
0.000		0.000		20.00		0.00	

ST •0• NET AUTO SAVE PREPACK D/C SHIFT TR

ORANGE   11:35 AM

CAS
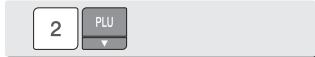
④ Place an item on the platter and press the V1 key. This transaction is saved to memory.

V1

PT	kg		kg		$/kg		$
0.000		1.200		20.00		24.00	

ST •0• NET AUTO SAVE PREPACK D/C SHIFT TR

ORANGE   11:35 AM

CAS
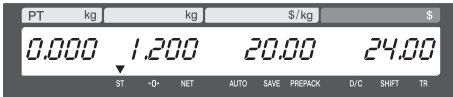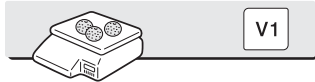
⑤ Press the PRINT key to complete transaction. Grand total price label is printed and sales data is cleared in memory.

PRINT

PT	kg		kg		$/kg		$
0.000		1.200		0.00		0.00	

ST •0• NET AUTO SAVE PREPACK D/C SHIFT TR

11:36 AM

CAS
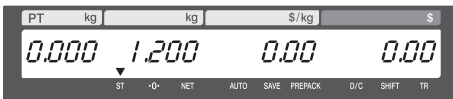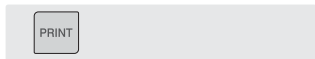
Note: - Print mode of floating clerk operation is ticket type as default. If you want to use label type, you have to change setting in menu 1731 of program mode. (See chapter 2.13.3)
- You can set ticket item in menu 1761 of program mode. (See chapter 2.13.6)

3.10 Void

You can press the VOID key to undo transaction in add-up process or floating clerk operation.

Assumption)
You sold several items

◆ If there is no PLU or price is zero.

① Press the VOID key, you will see following screen.

```
VOID NUMBER          [ 0] 3 list
1.                 9.78    ORANGE
2.                 5.00    BANANA
3                 10.00    APPLE
                                    CAS
```
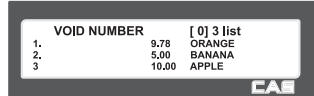
② To void ORANGE, enter 1 by pressing numeric key and press the PRINT.

```
VOID NUMBER          [ 1] 3 list
1. void            9.78    ORANGE
2.                 5.00    BANANA
3                 10.00    APPLE
                                    CAS
```
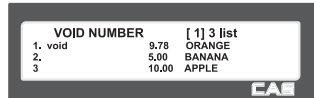
③ To void ORANGE, enter 1 by pressing

* You can use the PG UP and PG DOWN keys or the Arrow keys to navigate up and down the list.

◆ If there is same PLU and same price to void

① Place item on the platter

```
  2     0
```

```
PT    kg          kg          $/kg              $
0.000   0.489     20.00           9.78
         ST   ·0·   NET   AUTO  SAVE PREPACK  D/C  SHIFT  TR
```

```
                                    11:35 AM
ORANGE
                                    CAS
```
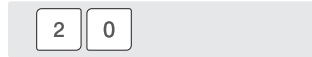
② Press VOID key then this sale is cleared.

```
PT    kg          kg          $/kg              $
0.000   0.489     20.00           9.78
         ST   ·0·   NET   AUTO  SAVE PREPACK  D/C  SHIFT  TR
```

```
                                    11:35 AM
VOIDED $ 9.78
                                    CAS
```
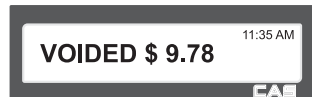
* If price is not same, void list screen is shown on the display automatically.

3.11   Payment & Change

▶Payment

No	Type
0	Cash
1	Pin/chip
2	Check
3	Credit card
4	Credit note
5	Coupon
6	Bonus point
7	Credit

You can use PAY key in the add-up process or floating clerk operation.

EX) Total price : 15.00 $
     If customer give 6.00 coupon and cash 10.00 $ to clerk

① Press PAY key when there is subtotal price

```
Clerk(#) : Clerk name
SUBTOTAL              $      15.00
Payment           [5]      Coupon
[TEST] = SELECT Payment
                                    CAS
```
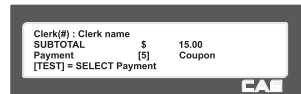
② Select payment type 5(coupon) and press
     PRINT key.
※ See Payment table.

```
Clerk(#) : Clerk name
SUBTOTAL              $      15.00
Payment           [5]      Coupon
COUPON            [      15.00  ]
                                    CAS
```

③ Enter 6.00

```
Clerk(#) : Clerk name
SUBTOTAL              $      15.00
Payment           [5]      Coupon
COUPON            [        6.00]
                                    CAS
```
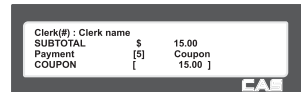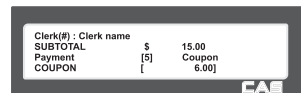
④ Press PRINT key then you can select
     payment type again.

```
Clerk(#) : Clerk name
SUBTOTAL              $      15.00
Payment           [5]      Coupon
COUPON            [        6.00]
                                    CAS
```
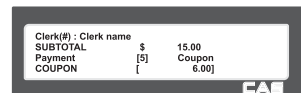
⑤ Select Payment type (0 cash) and press
     PRINT key.

```
Clerk(#) : Clerk name
SUBTOTAL              $      15.00
Payment           [0]      Cash
COUPON            [      9.00  ]
                                    CAS
```

⑥ Enter 10.00.

```
Clerk(#) : Clerk name
SUBTOTAL          $      15.00
Payment          [0]     Cash
COUPON           [       10.00 ]
                                    CAS
```
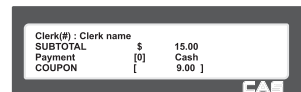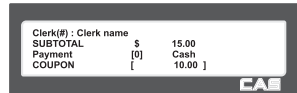
⑦ Press PRINT key. The label is issued.

```
Clerk(#) : Clerk name
SUBTOTAL          $      15.00
RECEIVE           $      16.00
CHANGE            $       1.00
                                    CAS
```
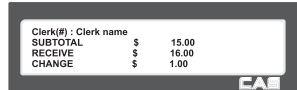
* Total price, receive and change is printed.

Note: - You can set print item in menu 1760 of program mode. (See chapter 2.13.6)
- If there is credit sales, a receipt is printed additionally.

3.12   Return

The RETURN key is used to delete erroneous sale transactions. You can
use the RETURN key to undo erroneous sales transactions like pressing the
PRINT key inadvertently, selecting and printing the wrong PLU, an inadvertent
Auto-Print in Pre-Pack mode, or perhaps adjusting the sales totals for a
damaged or ruined package. Whatever the reason, the RETURN function will
decrement returned PLU s transaction counter and sales totals by the
specified amount.

You need to call-up the PLU that you wish to return by either pressing its
corresponding speed key or typing its number.

◆ When the price is zero,

   0) By weight PLU : You need to enter the total price and weight that was printed
      on the return PLU s label

   1) By count PLU: You need to enter the total price and quantity that was printed on
      the return PLU s label

◆ When the price is higher than zero,
   Return function is performed by pressing RETURN key

Note: - If you set Shift key instead return key to "Y" in menu 1873 of program
        mode, you cannot use return function. (See chapter 2.14.21)
           - If parameter 596 X/Z Report is not set, this function will not operated.

3.13   Prepack Key

Pre-Pack mode, it prints labels automatically. When it is in MANUAL mode,
you must press the PRINT key (or ADD key) to get a label. In Pre-Pack mode,
you can not select AUTO mode. Pre-Pack works like AUTO and SAVE mode
except that the weight does not need to return to zero for every auto-print.

Pre-pack mode is very useful in backyard applications. This mode
increases productivity by not requiring the user to press the PRINT key for
every package. Instead the user can concentrate on weighing, wrapping, and
labeling

This function is only available for by-weight PLU.
- how to use prepack mode
  if you use Prepack mode without total function.

- same as current operating way
 (put the item on the platter and then print automatically)
  when you use the total function at Prepack Mode
    1) when total function starts, press [ADD] key (at Prepack Mode)
    2) on the display. [Summation ON] will appear for about 3 seconds.
    3) call up PLU and then place a item.
    4) each label will be automatically prints and will make a total.
    5) repeat 3)~4).
    6) when you press [ST/TTL] key, the total will be displayed.
    7) to print the Sub Total, press [PRINT] key.
    8) repeat 3)~7).
    9) to print Grand Total Label, press [ST/TTL].
        (this case at there should be no sub-total remains, then press [ST/TTL] key)
    10) Grand Total Label will be printed.
    11) after complete the total function, press [ADD] key.
    12) on the Display, [Summation OFF] will be appear for about 3 second.

  - Printing item
   when you make a total with other items
  - Printing item : (before) Total Price, Transaction No, Void Price, Void Count,
   (added) Total Weight, Total Quantity etc.
  - when you make a total with only one item
  - Printing item : (before) Total Price, Transaction No, Void Price, Void Count,
   (added) Total Weight, Total Quantity, Dept No, Dept Name
   PLU Name, Item Code, PLU No, Dept No, Cook By Date
   Sell By Date/Time, Packed On Date/Time, Produced Date etc

  EXAMPLE:
    Speed key #1= Onion Unit price=1.50, Sales Weight=1.0kg,

① Press PREPACK key and call up a PLU

PRE PACK | A

| PT | kg | | kg | | $/kg | | $ |

0.000   1.000   1.50   0.00

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ONION 11:35 AM

CAS
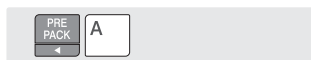
* User may call up a PLU by pressing speed key or numeric key. Please refer to Menu code 1160.

② Place the item(s) on the platter.

| PT | kg | | kg | | $/kg | | $ |

0.000   1.000   1.50   1.50

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ONION 11:35 AM

CAS

③ Label is issued automatically.

ONION
PACKED ON DATE   PRICE $/kg   WT kg
04-JUL-08   1.50   1.000
                         TOTAL PRICE $
                              1.50
CAS CORPORATION

④ Remove the item(s) from the platter.

| PT | kg | | kg | | $/kg | | $ |

0.000   0.000   1.50   0.00

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ONION 11:35 AM

CAS
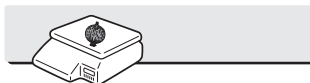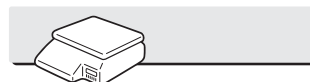
Note: - If the scale is in Prepack mode then it will always auto-print if the Total price is greater than 0.00 and:

1. The weight deviates by an amount greater than or equal to the Parameter 862 setting(Min. weight for sale) and the weight stabilizes at a weight greater than zero.

2. The weight deviates by an amount greater than or equal to the Parameter 861 setting(Auto threshold) and the weight stabilizes at a weight greater than zero.

3.14 X Key

The X key is used to print multiple transactions for the same PLU. The X key operation is called the Multi-Label function.

3.14.1 By-Weight PLU

Note: If you want to use X key for by-weight PLU, you must set Parameter 582, Use "X" key (by WT.).

EXAMPLE:
Speed key #1= "Onion" preset key, Unit price=1.50, Sales Weight=1.0kg,

① Call up a PLU

| A |

| PT | kg | | kg | | $/kg | | $ |
| 0.000 | | 0.000 | | 1.50 | | 0.00 |
ST •0• NET AUTO SAVE PREPACK D/C SHIFT TR

ONION   11:35 AM

CAS
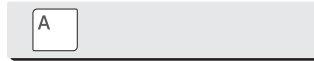
* You can call up a PLU by pressing speed key key or numeric key. Please refer to chapter 3.4 for details.

② Place the item(s) on the platter.

| PT | kg | | kg | | $/kg | | $ |
| 0.000 | | 1.000 | | 1.50 | | 1.50 |
ST •0• NET AUTO SAVE PREPACK D/C SHIFT TR

ONION   11:35 AM

CAS
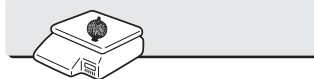
③ Type the number of labels you require and press the PRINT key.

ONION
PACKED ON DATE   PRICE $/kg   NT kg
04-JUL-09   1.50   1.000
                                  TOTAL PRICE $
                                     1.50
CAS CORPORATION

| PT | kg | | kg | | $/kg | | $ |
| 0.000 | | 1.000 | | 1.50 | | 1.50 |
ST •0• NET AUTO SAVE PREPACK D/C SHIFT TR

X 00 LABELS   11:35 AM
ONION

CAS

④ Remove the item(s) from the platter.

PT	kg		kg		$/kg		$
0.000		*0.000*			*0.00*		*0.00*

ST · 0 · NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

11:35 AM

CAS
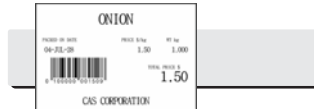
Note: - If you set "Label Prt. w.o Rewind (X Key)" to "Y" in menu 1872 of
program mode, the scale does not check peel-off, so you have to
press FEED key after printing is done. (See chapter 2.14.21)

- If you set "Use double print(AUTO)" to "Y" in menu 1872 of program
mode, you will have two same labels in auto mode.

- If you set 2nd label in PLU programming, 2nd label is issued
automatically.

3.14.2 Non-Weighed PLU

You can use X key for by Count, By PCS PLU without any setting. The way
of using X key is same as by-weight PLU except weighing item.

3.15   How to Change Sell By Date/Time

① Call up a PLU

ONION

```
PT      kg              kg              $/kg              $
0.000    0.000          1.50            0.00
          ▼      ▼
         ST   •0•  NET    AUTO  SAVE  PREPACK    D/C   SHIFT   TR
```

```
                              11:35 AM
ONION
                                    CAS
```

② Press EDIT SELL key to enter both of
   effective date and time.

EDIT
SELL

```
PT      kg              kg              $/kg              $
0.000    0.000          1.50            0.00
          ▼      ▼
         ST   •0•  NET    AUTO  SAVE  PREPACK    D/C   SHIFT   TR
```

```
   CHANGE SELL DATE          (1/1)
Sell by date    : [  56]
Sell by time    : [  0]
                                    CAS
```
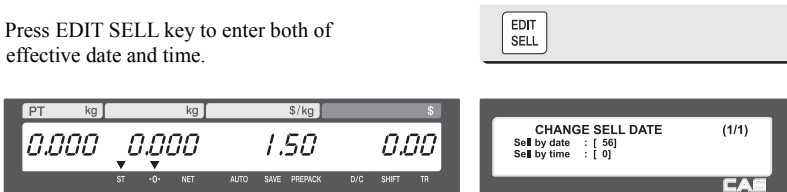
③ Press PRINT key to complete saving.

PRINT

```
PT      kg              kg              $/kg              $
0.000    0.000          1.50            0.00
          ▼      ▼
         ST   •0•  NET    AUTO  SAVE  PREPACK    D/C   SHIFT   TR
```

```
                              11:35 AM
ONION
                                    CAS
```
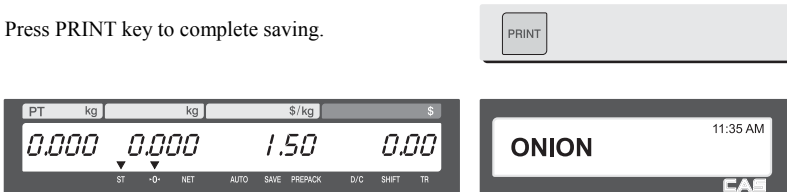
Note: - To use EDIT SELL key, you have to set this key in menu 1880 of
          program mode. (See chapter 2.14.8)

3.16   How to Change Origin

① Call up a PLU

ONION

```
PT      kg            kg           $/kg              $
0.000   0.000          1.50        0.00
            ST    •0•   NET    AUTO  SAVE  PREPACK    D/C   SHIFT   TR
```

ONION   11:35 AM

CAS
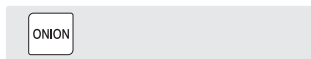
② Press ORIGIN key to retrieve one of origin
   data saved.

Origin

```
PT      kg            kg           $/kg              $
0.000   0.000          1.50        0.00
            ST    •0•   NET    AUTO  SAVE  PREPACK    D/C   SHIFT   TR
```

CHANGE ORIGIN   (1/1)
Origin No : [1]
  1. USA
                                          CAS

Note: - To use ORIGIN key, you have to set this key in menu 1880 of program
            mode. (See chapter 2.14.8)

3.17   How to Change PLU Type

Note: If you set "Save Type change" to "Y" in menu 1873 of program mode,
changed PLU type is saved. (See chapter 2.14.7)

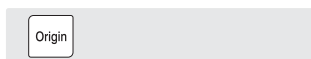① Press "WT/CT" key to change PLU type from
By-weight to By-count PLU or vice versa.

ONION

PT	kg	kg	$/kg	$
0.000	0.000	1.50	0.00	

ST   ·0·   NET   AUTO   SAVE   PREPACK   D/C   SHIFT   TR

ONION   11:35 AM

CAS
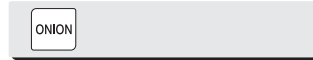
☞ If you change by-Weight PLU to by-count PLU, quantity is set 1 and unit
price is same.

☞ If you change by-count PLU to by-weight PLU, unit price is same.

☞ If there is discount information on PLU, you can not change PLU type.

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3.18 Direct Discount

If there is no discount information in PLU, you can use this function.

3.18.1 Fixed Price Key

① Call up a PLU # 1 and press "Fixed Price" key.

| 1 | PLU ▼ | Fixed Price |

| PT | kg | kg | $/kg | $ |
| 0.000 FP | | | 5.00 | 5.00 |

ST •0• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

APPLE   11:35 AM

CAS

② Press "Override Key"

OVER RIDE

| PT | kg | kg | $/kg | $ |
| 0.000 FP | | | 5.00 | 5.00 |

ST •0• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

APPLE   R1   11:35 AM

CAS
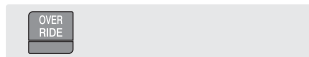
③ Type fixed price 2.00 than press PRINT key

| 2 | 0 | 0 | PRINT |

| PT | kg | kg | $/kg | $ |
| 0.000 FP | | | 2.00 | 2.00 |

ST •0• NET   AUTO SAVE PREPACK   D/C   SHIFT   TR

APPLE   11:35 AM

CAS

Note: - To use Fixed Price Key, you have to set this key in menu 1880 of
program mode. (See chapter 2.14.8)

3.18.2 % Discount Price Key

① Call up a PLU(#1.APPLE) and press
   "%Discount" key

| 1 | PLU ▼ | DISC(%) INSERT |

| PT | kg | kg | $/kg | $ |
| 0.000 | 0.000 | | 5.00 | 0.00 |

ST ·0· NET AUTO SAVE PREPACK D/C SHIFT TR

APPLE   11:35 AM

CAS

② Enter % amount to discount and press PRINT key
   Ex) 20%
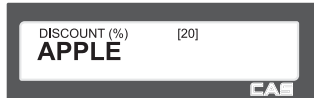
| 2 | 0 | PRINT |

| PT | kg | kg | $/kg | $ |
| 0.000 | 0.000 | | 5.00 | 0.00 |

ST ·0· NET AUTO SAVE PREPACK D/C SHIFT TR

DISCOUNT (%)   [20]
APPLE

CAS

③ Place item on the platter and press PRINT key.

PRINT

| PT | kg | kg | $/kg | $ |
| 0.000 | 1.000 | | 4.00 | 4.00 |

ST ·0· NET AUTO SAVE PREPACK D/C SHIFT TR

DC 5.00 - 1.00   11:35 AM
APPLE

CAS
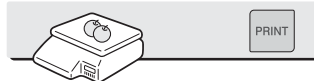
Note: - To use % DISCOUNT key, you have to set this key in menu 1880 of
program mode. (See chapter 2.14.8)

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3.19   PLU Connection

3.19.1 Referenced PLU Function

If you press REFERENCE key(Functinos key#:9) after calling up a PLU which
has reference information, reference will be shown on the display.

◆ To use this function, you have to set reference department and reference
    PLU when you create PLU.

3.19.2 Coupled PLU Function

Automatically coupled PLU is called up after transaction.
You can use this function when you sell two or more items as package.
(Does not operated in SAVE and PREPACK modes)

◆ To use this function, you have to set reference department and reference
    PLU when you create PLU.

3.19.3 Link PLU Function

Note: Operates only in the ticket mode.(Does not operated in PREPACK and AUTO
modes)
When purchasing a product, it automatically purchases another product additionally
-      When the Linked PLU type is weight, purchasing is made in accordance with
       weight

When the Linked PLU type is count, it sells 1 unit

◆ To use this function, you have to set Linked department and Linked

   PLU when you create PLU.

3.20   Sales Operation Control Parameters

3.20.1 Fixed Weight

- You can set fixed weight when you create PLU
  If you call up this PLU, the weight is not changed.

- You can use IN WEIGHT key.
  Call up a PLU and enter a fixed weight by using OVERRIDE key and
  press IN WEIGHT key.

3.20.2 Prepack Without Report

The transaction data is not added to report while using prepack mode.

- You have to set Parameter 597(Prepack report) to use this function. Also,
  Parameter 596 should be set to Y

APPENDIX

1. Label Format

There are fixed label format and user label format

	Fixed Label Format	User Label Format
No.	1~50	51~99
Quantity	45	20
Method	Built in CL5000	Download from PC
Features	You cannot edit format.	Using the PC program, you can program format numbers 51 to 99. In ticket mode, it is available to use Head/Tail format.

▶ Fixed Label Format

No	Name	Width(mm)	Length(mm)	No	Name	Width(mm)	Length(mm)
1	IS6030-00001	60	30	17	IS5653-00017	56	53
2	IS6030-00002	60	30	18	IS5054-00018	50	54
3	IS6030-00003	60	30	19	IS5054-00019	50	54
4	IS5635-00004	56	35	20	IS6051-00020	60	51
5	IS5635-00005	56	35	21	IS6051-00021	60	51
6	IS5635-00006	56	35	22	IS6060-00022	60	60
7	IS6040-00007	60	40	23	IS6060-00023	60	60
8	IS6040-00008	60	40	24	IS5068-00024	50	68
9	IS6040-00009	60	40	25	IS5068-00025	50	68
10	IS6040-00010	60	40	26	IS5068-00026	50	68
11	IS6040-00011	60	40	27	IS6063-00027	60	63
12	IS6040-00012	60	40	28	IS6063-00028	60	63
13	IS5040-00013	50	40	29	IC6040-00029	60	40
14	IS5040-00014	50	40	30	IC6040-00030	60	40
15	IS5040-00015	50	40	31	IS6040-KR001	60	40
16	IS5653-00016	56	53	32	IS6030-KR002	60	30

No	Name	Width(mm)	Length(mm)	No	Name	Width(mm)	Length(mm)
33	IS6032-KR003	60	32	40	IS6040-KR010	60	40
34	IS6060-KR004	60	60	41	IS6040-KR011	60	40
35	IS6032-KR005	60	32	42	IS6045-KR012	60	45
36	IS6042-KR006	60	42	43	IS6044-KR013	60	44
37	IS6045-KR007	60	45	44	IS6055-KR014	60	55
38	IS6050-KR008	60	50	45	IS6060-KR015	60	60
39	IS6045-KR009	60	45				

1.1 Label Format Sample

1

2

3

4

5

6

194

7

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>
UNIT PRICE $/kg   WEIGHT kg
32.00   1.216
Tare(kg): 0.100
38.91
20.11.05   26.11.05
PACKED ON   SELL BY   TOTAL PRICE $
0 102007 038915
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

8

SWEETENED CONDENSED MILK
Whole milk that had 60% of the water remove and sugar
added. The amount of sugar added makes up 40% of the
UNIT PRICE $/kg   WEIGHT kg
32.00   1.216
Tare(kg): 0.100
38.91
20.11.05   26.11.05
PACKED ON   SELL BY   TOTAL PRICE $
0 102008 038914
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

9

SWEETENED CONDENSED MILK
UNIT PRICE $/kg   WEIGHT kg
32.00   1.216
Tare(kg): 0.100
38.91
20.11.05   26.11.05
PACKED ON   SELL BY   TOTAL PRICE $
0 102009 038913
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

10

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>
PACKED ON   SELL BY   WEIGHT
20.11.05   26.11.05   1.216
10
32.00   38.91
Tare(kg): 0.100
UNIT PRICE   PRICE
0 102010 038919
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

11

SWEETENED CONDENSED MILK
Whole milk that had 60% of the water remove and sugar
added. The amount of sugar added makes up 40% of the
PACKED ON   SELL BY   WEIGHT
20.11.05   26.11.05   1.216
11
32.00   38.91
Tare(kg): 0.100
UNIT PRICE   PRICE
0 102011 038918
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

12

SWEETENED CONDENSED MILK
PACKED ON   SELL BY   WEIGHT
20.11.05   26.11.05   1.216
12
32.00   38.91
Tare(kg): 0.100
UNIT PRICE   PRICE
0 102012 038917
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

13

SWEETENED CONDENSED
<VERY SWEET and STICKY>
PACKED ON
20.11.05
SELL BY
26.11.05
1.216   32.00   38.91
NET WT. kg   PRICE / kg $ TOTAL PRICE $
0 102013 038916
Tare (kg): 0.100
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

14

SWEETENED CONDENSED
Whole milk that had 60% of the water remove
and sugar added. The amount of sugar added
PACKED ON
20.11.05
SELL BY
26.11.05
1.216   32.00   38.91
NET WT. kg   PRICE / kg $ TOTAL PRICE $
0 102014 038915
Tare (kg): 0.100
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

15

SWEETENED CONDENSED

PACKED ON
20.11.05

SELL BY
26.11.05

Tare (kg) : 0.100

1.216 32.00 38.91

NET WT. [kg]   PRICE / kg [S]   TOTAL PRICE [S]

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

0 102015 038914

16

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and
sugar added. The amount of sugar added makes up 40%
of the sweetened condensed milks volume. It is very
sweet and sticky and adds a richness to the foods It
is added to. It is used to make candies, bars, pies,
and puddings. Sweetened condensed milk turns a

SELL BY	PACKED ON	$/kg	NET WT./kg
26.11.05	20.11.05	1.216	32.00

TOTAL PRICE($)

38.91

0 102016 038913

Thank You
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

17

SWEETENED CONDENSED MILK

Whole milk that had 60% of the water remove and
sugar added. The amount of sugar added makes up 40%
of the sweetened condensed milks volume. It is very
sweet and sticky and adds a richness to the foods It
is added to. It is used to make candies, bars, pies,
and puddings. Sweetened condensed milk turns a

SELL BY	PACKED ON	$/kg	NET WT./kg
26.11.05	20.11.05	1.216	32.00

TOTAL PRICE($)

38.91

0 102017 038912

Thank You
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

18

SWEETENED CONDENSED
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove
and sugar added. The amount of sugar added
makes up 40% of the sweetened condensed milks
volume. It is very sweet and sticky and adds a
richness to the foods It is added to. It is
used to make candies, bars, pies, and
puddings. Sweetened condensed milk turns a

PACKED ON
20.11.05

SELL BY
26.11.05

Tare (kg) : 0.100

1.216 32.00 38.91

NET WT. [kg]   PRICE / kg [S]   TOTAL PRICE [S]

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

0 102018 038911

19

SWEETENED CONDENSED

Whole milk that had 60% of the water remove
and sugar added. The amount of sugar added
makes up 40% of the sweetened condensed milks
volume. It is very sweet and sticky and adds a
richness to the foods It is added to. It is
used to make candies, bars, pies, and
puddings. Sweetened condensed milk turns a

PACKED ON
20.11.05

SELL BY
26.11.05

Tare (kg) : 0.100

1.216 32.00 38.91

NET WT. [kg]   PRICE / kg [S]   TOTAL PRICE [S]

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

0 102019 038910

20

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar
added. The amount of sugar added makes up 40% of the
sweetened condensed milks volume. It is very sweet and
sticky and adds a richness to the foods It is added to.

PACKED ON
20.11.05

SELL BY
26.11.05

1.216 32.00 38.91

NET WT. [kg]   PRICE / kg [S]   TOTAL PRICE [S]

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

0 102020 038916

21

SWEETENED CONDENSED MILK

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods It is added to.

PACKED ON
20.11.05

SELL BY
26.11.05

0 102021 038915

1.216   32.00   38.91
NET WT. kg   PRICE / kg $ TOTAL PRICE $

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

22

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods It is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heate

PACKED ON	SELL BY	WEIGHT
20.11.05	26.11.05	1.216
22		
32.00		38.91
0.100		
UNIT PRICE		PRICE

0 102022 038914

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

23

SWEETENED CONDENSED MILK

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods It is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heate

PACKED ON	SELL BY	WEIGHT
20.11.05	26.11.05	1.216
23		
32.00		38.91
0.100		
	UNIT PRICE	PRICE

0 102023 038913

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

24

SWEETENED CONDENSED
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods It is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heate

PACKED ON
20.11.05

SELL BY
26.11.05

0 102024 038912
Tare (kg) : 0.100

1.216   32.00   38.91
NET WT. kg   PRICE / kg $ TOTAL PRICE $

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

25

SWEETENED CONDENSED

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods It is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heate

PACKED ON
20.11.05

SELL BY
26.11.05

0 102025 038911
Tare (kg) : 0.100

1.216   32.00   38.91
NET WT. kg   PRICE / kg $ TOTAL PRICE $

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

26

SWEETENED CONDENSED
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods It is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heate

PACKED ON
20.11.05

SELL BY
26.11.05

0 102026 038910
Tare (kg) : 0.100

1.216   32.00   38.91
NET WT. kg   PRICE / kg $ TOTAL PRICE $

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

27

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods It is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heate

PACKED ON
20.11.05
SELL BY
26.11.05

0 102027 038919

1,216   32.00   38.91
NET WT. Kg   PRICE / kg $ TOTAL PRICE $

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

28

SWEETENED CONDENSED MILK

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods It is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heate

PACKED ON
20.11.05
SELL BY
26.11.05

0 102028 038918

1,216   32.00   38.91
NET WT. Kg   PRICE / kg $ TOTAL PRICE $

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

29

TOTAL

20.11.05   16:49   TRANSACTION   5

0 100000 200964

TOTAL PRICE $
200.96

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

30

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

00124

Whole milk that had 60% of the water remove and sugar
PACKED ON   SUN   SELL BY
20.11.05   16:32   26.11.05   16:32

WT kg
1.216

0 102030 038913   PRICE $/kg   TOTAL PRICE $
32.00   38.91

CAS CORPORATION
+82-31-820-1100   #19 Ganap-ri Gwangjuk-myun Yangju-gun

31

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>
UNIT PRICE   WEIGHT
32.00   1.216
31
38.91

0 102031 038912
20.11.05 16:32   26.11.05 16:32
PACKED ON   SELL BY   TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

32

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

16:32   16:32   32   38.91
20.11.05 26.11.05 1.216 32.00   PRICE
PACKED ON | SELL BY | WEIGHT | UNIT PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

33

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>
UNIT PRICE   WEIGHT
32.00   1.216
33
38.91

0 102033 038910
20.11.05 16:32   26.11.05 16:32
PACKED ON   SELL BY   TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

34

0 102034 038910   34

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar ad ded. The amount of sugar added makes up 40% of the sweet ened condensed milks volume. It is very sweet and sticky and adds a richness to the foods It is added to. It is u sed to make candies, bars, pies, and puddings. Sweetened

16:32   16:32
20.11.05 26.11.05 1.216   32.00   38.91
PACKED ON | SELL BY | WEIGHT | UNIT PRICE   PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

35

SWEETENED CONDENSED MILK

PACKED ON	SELL BY	UNIT PRICE	WEIGHT
20.11.05	26.11.05	32.00	1.216
	16:32		35

PRICE
38.91

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

36

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

PACKED ON	SELL BY	UNIT PRICE	WEIGHT
20.11.05	26.11.05	32.00	1.216
		36	

PRICE
38.91

16:32

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

37

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

UNIT PRICE
32.00
WEIGHT
37 1.216

20.11.05 16:32   26.11.05 16:32
PACKED ON   SELL BY

38.91
TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

38

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

UNIT PRICE
32.00
WEIGHT
38 1.216

20.11.05 16:32   26.11.05 16:32
PACKED ON   SELL BY

38.91
TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

39

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

UNIT PRICE   WEIGHT
32.00   1.216
39
38.91

20.11.05 16:32   26.11.05 16:32
PACKED ON   SELL BY   TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

40

SWEETENED CONDENSED MILK
Whole milk that had 60% of the water remove and sugar
added. The amount of sugar added makes up 40% of the

UNIT PRICE   WEIGHT
32.00   1.216
40
38.91

20.11.05 16:32   26.11.05 16:32
PACKED ON   SELL BY   TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

41

SWEETENED CONDENSED MILK
Whole milk that had 60% of the water remove and sugar
added. The amount of sugar added makes up 40% of the
sweetened condensed milks volume. It is very sweet and

UNIT PRICE   WEIGHT
32.00   1.216
41
38.91

20.11.05 16:32   26.11.05 16:32
PACKED ON   SELL BY   TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

42

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>
Whole milk that had 60% of the water remove and sugar
added. The amount of sugar added makes up 40% of the

UNIT PRICE   WEIGHT
32.00   1.216
42
38.91

20.11.05 16:32   26.11.05 16:32
PACKED ON   SELL BY   TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

43

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>
Whole milk that had 60% of the water remove and sugar
added. The amount of sugar added makes up 40% of the

PACKED ON	SELL BY	UNIT PRICE	WEIGHT
20.11.05	26.11.05	32.00	1.216
		16:32	43

PRICE
38.91

0 102043 038917

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

44

SWEETENED CONDENSED MILK
Whole milk that had 60% of the water remove and sugar
added. The amount of sugar added makes up 40% of the
sweetened condensed milks volume. It is very sweet and
sticky and adds a richness to the foods It is added to.

PACKED ON	SELL BY	UNIT PRICE	WEIGHT
20.11.05	26.11.05	32.00	1.216
		16:32	44

PRICE
38.91

0 102044 038916

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

45

SWEETENED CONDENSED MILK
Whole milk that had 60% of the water remove and sugar
added. The amount of sugar added makes up 40% of the
sweetened condensed milks volume. It is very sweet and
sticky and adds a richness to the foods It is added to.
It is used to make candies, bars, pies, and puddings.
Sweetened condensed milk turns a golden color and takes

PACKED ON	SELL BY	UNIT PRICE	WEIGHT
20.11.05	26.11.05	32.00	1.216
		16:32	45

PRICE
38.91

0 102045 038915

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

1.2 Label Format's field Sample

▶ **(1) Label sample 1**

PLU Name2 — PLU Name1
Packed On Date — Sell By Date
Barcode — Weight
— PLU Number
— Total Price
Store Name
Store Tel
Store Text — Unit Price
Label Serial No

BANANA
CANADA
PACKED ON | SELL BY | WEIGHT
15-JUN-04 | 19-JUN-04 | 0.400
4.00
10.00
UNIT PRICE PRICE
CAS CORPORATION
82-31-820-1100
19 Ganap-ri Gwangjuk-myoun
SL-00096 Label-2.1fn

▶ **(2) Label sample 2**

PLU Name 2 — PLU Name 1
Packed On Date — Packed On Date
Caption — Label Serial No
Packed On Date — Weight Caption
— Weight
Barcode — Total Price Caption
Tare Caption — Total Price
Tare Weight
Store Name — Unit Price

BANANA
CANADA
CASL-00010
PACKED ON DATE SELL BY DATE PRICE $/kg UNIT kg
15-JUN-04 19-JUN-04 10.00 0.400
TOTAL PRICE $
4.00
TARE kg .100
CAS CORPORATION Label-6.1fn

2. ASCII Code Table

▶ **Microsoft Window Codepage 1252**

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	NUL 0000	STX 0001	SOT 0002	ETX 0003	EOT 0004	ENQ 0005	ACK 0006	BEL 0007	BS 0008	HT 0009	LF 000A	VT 000B	FF 000C	CR 000D	SO 000E	SI 000F
10	DLE 0010	DC1 0011	DC2 0012	DC3 0013	DC4 0014	NAK 0015	SYN 0016	ETB 0017	CAN 0018	EM 0019	SUB 001A	ESC 001B	FS 001C	GS 001D	RS 001E	US 001F
20	SP 0020	! 0021	" 0022	# 0023	$ 0024	% 0025	& 0026	' 0027	(0028	) 0029	* 002A	+ 002B	, 002C	- 002D	. 002E	/ 002F
30	0 0030	1 0031	2 0032	3 0033	4 0034	5 0035	6 0036	7 0037	8 0038	9 0039	: 003A	; 003B	< 003C	= 003D	> 003E	? 003F
40	@ 0040	A 0041	B 0042	C 0043	D 0044	E 0045	F 0046	G 0047	H 0048	I 0049	J 004A	K 004B	L 004C	M 004D	N 004E	O 004F
50	P 0050	Q 0051	R 0052	S 0053	T 0054	U 0055	V 0056	W 0057	X 0058	Y 0059	Z 005A	[005B	\ 005C	] 005D	^ 005E	_ 005F
60	` 0060	a 0061	b 0062	c 0063	d 0064	e 0065	f 0066	g 0067	h 0068	i 0069	j 006A	k 006B	l 006C	m 006D	n 006E	o 006F
70	p 0070	q 0071	r 0072	s 0073	t 0074	u 0075	v 0076	w 0077	x 0078	y 0079	z 007A	{ 007B	| 007C	} 007D	~ 007E	DEL 007F
80	€ 20AC		' 201A	ƒ 0192	„ 201E	… 2026	† 2020	‡ 2021	ˆ 02C6	‰ 2030	Š 0160	‹ 2039	Œ 0152		Ž 017D	
90		' 2018	' 2019	" 201C	" 201D	• 2022	– 2013	— 2014	˜ 02DC	™ 2122	š 0161	› 203A	œ 0153		ž 017E	Ÿ 0178
A0	NBSP 00A0	¡ 00A1	¢ 00A2	£ 00A3	¤ 00A4	¥ 00A5	¦ 00A6	§ 00A7	¨ 00A8	© 00A9	ª 00AA	« 00AB	¬ 00AC	- 00AD	® 00AE	¯ 00AF
B0	° 00B0	± 00B1	² 00B2	³ 00B3	´ 00B4	µ 00B5	¶ 00B6	· 00B7	¸ 00B8	¹ 00B9	º 00BA	» 00BB	¼ 00BC	½ 00BD	¾ 00BE	¿ 00BF
C0	À 00C0	Á 00C1	Â 00C2	Ã 00C3	Ä 00C4	Å 00C5	Æ 00C6	Ç 00C7	È 00C8	É 00C9	Ê 00CA	Ë 00CB	Ì 00CC	Í 00CD	Î 00CE	Ï 00CF
D0	Ð 00D0	Ñ 00D1	Ò 00D2	Ó 00D3	Ô 00D4	Õ 00D5	Ö 00D6	× 00D7	Ø 00D8	Ù 00D9	Ú 00DA	Û 00DB	Ü 00DC	Ý 00DD	Þ 00DE	ß 00DF
E0	à 00E0	á 00E1	â 00E2	ã 00E3	ä 00E4	å 00E5	æ 00E6	ç 00E7	è 00E8	é 00E9	ê 00EA	ë 00EB	ì 00EC	í 00ED	î 00EE	ï 00EF
F0	ð 00F0	ñ 00F1	ò 00F2	ó 00F3	ô 00F4	õ 00F5	ö 00F6	÷ 00F7	ø 00F8	ù 00F9	ú 00FA	û 00FB	ü 00FC	ý 00FD	þ 00FE	ÿ 00FF

Note: To enter A , first you have to read 40 in a row and 01 in a column and type 41.

3. Window Character Set Information

Code	Short Name	Description	Country
1250	Central Europe	Windows Latin 2	Albania, Croatia, Czech, Faeroese, Hungarian, Polish, Romanian, Serbian(Latin), Slovak, Slovenian
1251	Cyrillic	Windows Cyrillic (Slavic)	Byelorussian, Bulgarian, Russian, Ukrainian
1252	Latin 1	Windows Latin 1 (ANSI)	Afrikaans, Catalan, Danish, Dutch, English, USA, Canada, New Zealand, Austria, Ireland, South Africa, Finnish, French, Belgium, Switzerland, Luxembourg, German, Austria, Liechtenstein, Italian, Icelandic, Indonesian, Norwegian, Portuguese, Brazil, Spanish, Mexico, Swedish
1253	Greek	Windows Greek	Greek
1254	Turkish	Windows Latin 5 (Turkish)	Turkish
1255	Hebrew	Windows Hebrew	Hebrew
1256	Arabic	Windows Arabic	Saudi Arabia, Iraq, Egypt, Lobya, Algeria, Morocco, Tunisia, Oman, Yemen, Syria, Jordan, Lebanon, Kuwait, United Arab Emirates, Bahrain, Qatar, Farsi
1257	Baltic	Windows Batic Rim	Estonian, Latvian, Lithuanian
1258	Vietnam		Vietnam
874	Thai		Thai
932	Japanese Shift-JIS		Japan
936	Simplified Chinese GBK	Simplified Chinese	Chinese, Singapore
949	Korean	Complete Hangul	Korea
950	Traditional Chinese BIG5	Traditional Chinese	Taiwan, HongKong

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