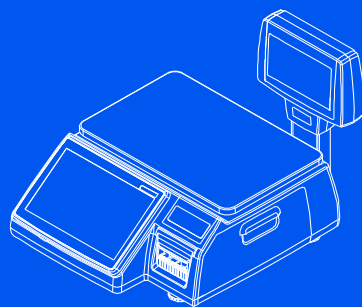


# **CL7200 SERIES**

**Label Printing Scale**



[www.globalcas.com](http://www.globalcas.com)

**OWNER'S MANUAL**

# **CAS**

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# 1.GENERAL

## 1.1 PRECAUTIONS

### **Warning**

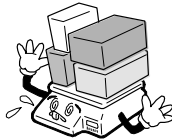
Precautions when installing the scale. To ensure that you get the most from your scale, please follow these instruction.

**Do not disassemble the scale.**

When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.

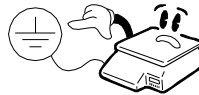


**Do not overload beyond the maximum weight limit.**



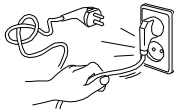
**Scale must be grounded to minimize electricity static.**

This will minimize defect or electric shock.

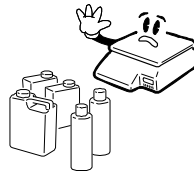


**Do not pull the plug by its cord when unplugging.**

Damaged cord could cause electric shock or fire.



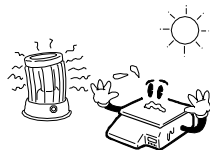
**To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas.**



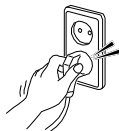
**To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition.**



**Avoid placing the scale near heater or in direct sunlight.**



**Insert plug firmly to wall outlet to prevent electric shock.**



**Use proper Adapter.**

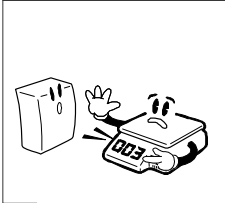
Incorrect adapter could damage the scale.



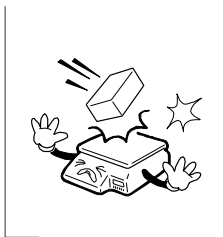
## Attention

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

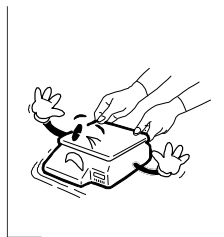
For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.



Avoid sudden shock to the scale.

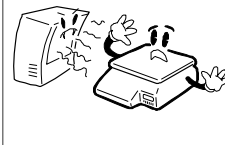


Grab on the bottom of the scale when moving.

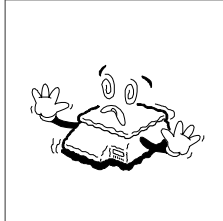


Keep the scale away from other electromagnetic generating devices.

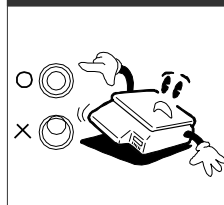
This may interfere with accurate reading.



Place the scale on firm and temperature consistent environment.



By adjusting 4 corners of the scale, set the scale even using the built in scale levelling indicator.



### •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.

## 1.2 INTRODUCTIONS

Thank you for purchasing the CAS CL7200 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 CL7200 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 CL7200 series and should you need servicing, they are expertly trained by CAS to assist you with virtually any problem.

### 1.3 SPECIFICATIONS

Max. Capacity	15/30 kg	30/60 lb
Interval	5/10 g	0.01 lb/ 0.02 lb
Max. Tare	-5.998/-9.995 kg	-29.99 lb
A/D Conversion Rate	Approx. 8 times/sec.	
Measurement Type	Load Cell	
Platter Size	380 x 250 mm	

Key	72 PLU key 36 function key 8 fixed key
	144 PLU
Display	10.2 inch Graphic LCD Tare : 4 digit Weight : 5 digit Unit Price : 6 digit Total Price : 6 digit

Printer	Speed 100 mm/sec.
Printing Resolution	202 dpi
Label Size	Width: 40 mm~60 mm Length: 20 mm~200 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 100~240 V 50/60 Hz 1.5 A

		Number	Range
Programmable Data	PLU (Price Look Up, Item Index Number)	9999	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



## DISPLAY

### Front display for the operator

<b>TARE</b> kg ST 0.000 MET	Chinese cabbage	Orange	Kiwi	Pumpkin	Pumpkin Se	Bean cake	Perilla le	Apple	FUNCTION
	Banana	Fine apple	Sweet Potato	Indian Corn	Popcorn	Indian Millet	Millet	Rice	MENU
<b>WEIGHT</b> kg 0.000	SoyBean	Peanut	Rice cake	Sesame Oil	Perilla Oil	Potato	Radish	Spinash	ZERO
	Bean	Pea	Coffee bean	Lotus root	Dried Slices of Radish	Salted Radish	Shredded Radish	Celery Cabbage	EDIT KEY
<b>UNIT PRICE</b> \$/kg 0.00	Pickled Cabbage	Cabbage	Cabbage Root	Young Radish	Young Radish Kimchi	Cucumber	Cucumbers pickled	Tomato	SHIFT
	Tomato Sauce	Tomato Ketchup	Melon	Water Melon	Milk	Green Tea	Black Tea	Suger	C
<b>TOTAL PRICE</b> \$ 0.00	Red Radish	Suger Beet	Onion	Shallot	Garlic	Pickled Garlics	Mustard	Red Pepper	FEED
	Gam Ja Tang	DoongJi Yangju	JunGol Special	Goat_Vegetables So	Small Eel Vegetabl	Codfish Meeun Tang	Ahi Tang	Seolung Tang	PRINT
Max 6/15kg Min 0.04kg e=d=0.002/0.005kg	Sam Gae Tang	Took Gae Tang	Hae Janguk	Chung Guk Jang	Soon Tofu Chigae	KimChi Chigae	Doen Jang Chigae	SamGyupSe	
LAN									2014-12-09 18:18:32

### Front display for the operator with function key.

<b>TARE</b> kg ST 0.000 MET							SPEED KEY
<b>WEIGHT</b> kg 0.000	RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU	
	DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID	
<b>UNIT PRICE</b> \$/kg 0.00	DISC (-)	7	8	9	PLU	ADD	SHIFT
	WT/CT	4	5	6	X	PAY	C
<b>TOTAL PRICE</b> \$ 0.00	MISC. WEIGHED	1	2	3	FEED	ST TTL	FEED
	MISC. BY COUNT	00	0	C	PRINT	PRINT	PRINT
Max 6/15kg Min 0.04kg e=d=0.002/0.005kg							
LAN							2014-12-09 18:18:38

### Back display for customers












## 1.5 SYMBOLS

SYMBOLS		DESCRIPTION
TYPE		
ST		Stable weight indicator
▶0◀		Zero weight indicator
NET		Net weight indicator
AUTO		Print Mode indicator
SAVE		Auto clearing status indicator
PACK		Auto clearing status and Print mode indicator
DISC		Discount status indicator
SHIFT		Speed key shift status indicator
NET		Data transmission status indicator
SERVER		Connected to server indicator
LAN / WLAN		Wired / Wireless Lan Connection Status

## 1.6 KEY FUNCTIONS

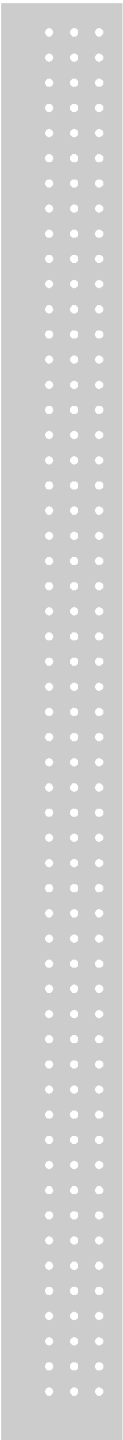
### Function key

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	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-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.
	Multi-Label key. Use this key to print multiple sales of the same transaction. Escape key. It is used to exit in program mode.
	Subtotal / Total key. Used with the ADD key in order to print customer totals.
	Feed key. Use this key to feed labels or paper through printer
	Pay key. Use this key to calculate change. Test key. Used to print test pattern
	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 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.
	Miscellaneous Weighed PLU key.
	Miscellaneous By-Count PLU key.




#### Sale mode key

KEY	DESCRIPTION
<b>FUNCTION</b>	Call function key.
<b>ZERO</b>	Reset the scale to zero.
<b>SHIFT</b>	Show second speed key.
<b>MENU</b>	Switch to the program mode.
<b>EDIT KEY</b>	Switch to the mode that edit speed key configuration.
<b>C</b>	Cancel calling PLU
<b>FEED</b>	Label / Ticket feed key



<b>PRINT</b>	<b>Label / Ticket print key</b>
--------------	---------------------------------

### Program mode key

KEY	DESCRIPTION
	Alpha keys. Used to type text data.
	Used to type \$
	Backspace key. Used to backspace and delete text data.
	Space bar.
NEW LINE	Used to go to next line to enter text
	Special symbol keys.
	Used to type special symbol. (See ASCII code table)
SHIFT	Capitals key.
INSERT	Insert key.
DEL	Delete key.
CAPS	Capitals lock key.
	Arrow keys.
PAGE UP PAGE DOWN	Page up, page down.
SAVE	Save key.
ESC	Escape key.



## 1.8 Installation of the Label Roll

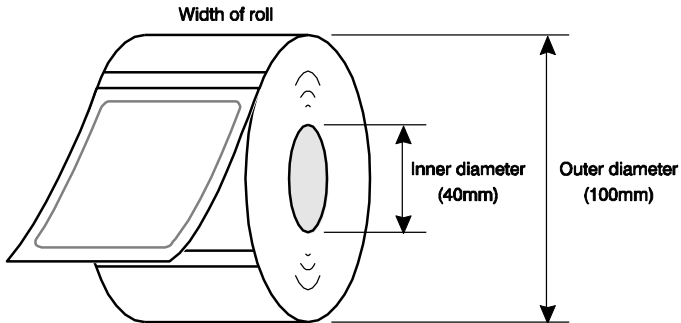
### • Label Specifications

Outer diameter of roll : 100mm

Inner diameter of roll : 40mm

Width of receipt roll : 40, 50, 60mm

Width of label roll : 60mm(MAX)

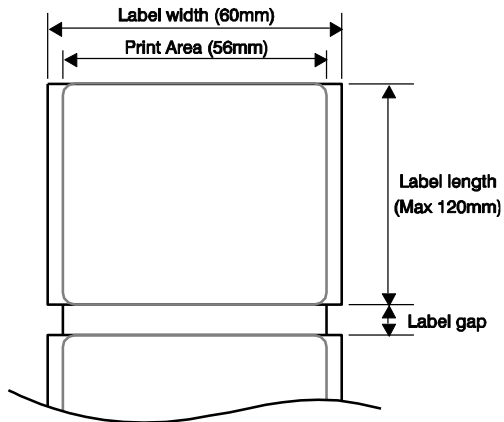


### • Print Area

Width of label : 60mm(MAX)

Printable width : 56mm(MAX)

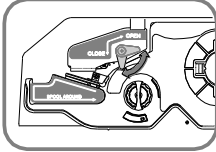
Length of label : 120mm(MAX)



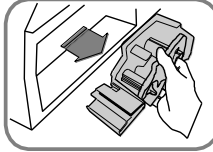
To install the label roll at ANY time you must follow the directions

in this section:

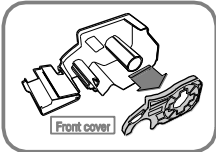
① Turn lever to open position.



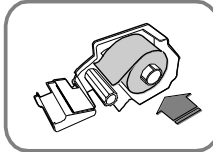
② Remove the cartridge.



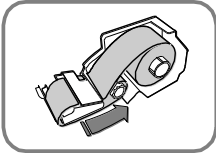
③ Remove the front cover.



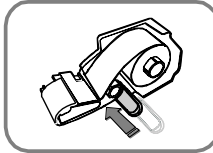
④ Insert the roll paper.



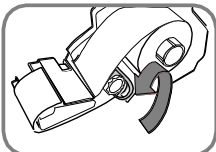
⑤ Spool the paper to unwinder.



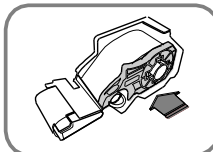
⑥ Push the clip until it clicks.



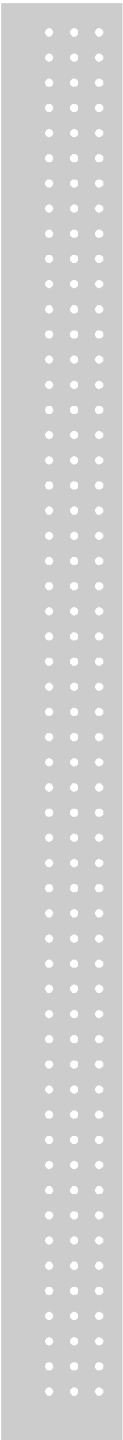
⑦ Turn the clip for several times.



⑧ Close the front cover.



⑨ Press the FEED key. Scale prints twice for auto Label adjustment



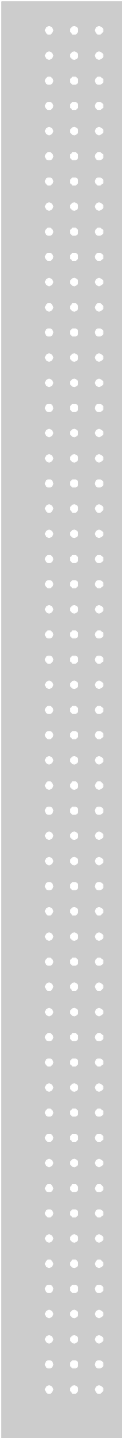
\*If label position is not correct, you have to check follows :

- 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
				1274	Tare Key

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		
		1738	Adjust Reverse Feed Length				
		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						
1875	System Restore						
1880	Function Key Define						

CODE	Menu	CODE	Sub Menu	CODE	Sub Menu
1900	Communi cation	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.

You can move a page using PAGE UP or PAGE DOWN keys. You can also use the arrow keys to move the page.





## 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 CL7200 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 to 9
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 ]

PROGRAM MODE	1120	NEW/EDIT (9878/10000)	SALE MODE	SAVE	PREV.
Department No.	1	Default			
PLU No.	1	No Data or Table			

### 2. Select PLU Type



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

EX) BY-Weight Item

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
PLU Type	- BY-weight				

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.

### 3. Enter PLU Name 1

EX) "BEEF"

B	E	E	F	PRINT
---	---	---	---	-------

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Name	BEEF				

### 4. Select Group

- You can use Group depending on the Menu code 1220.
- If there is no group for this PLU, enter 0.

1	PRINT
---	-------

EX) 1. Meat

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Group No.	- Meat				

### 5. Select Origin

- You can use Origin depending on the Menu code 1250.
- If there is no origin for this PLU, enter 0.

4	9	PRINT
---	---	-------

EX) 49. China

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Origin No.	49	China			

### 6. Enter Prefix

- If you do not want to use prefix, enter 0.

EX) Do not use prefix

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Prefix	-				

### 7. Item Code

- If you do not want to use item code, enter 0.

1	9	4	1	PRINT
---	---	---	---	-------

EX) Item Code = 1941

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
ItemCode	1941				

### 8. Price

1	0	0	0	PRINT
---	---	---	---	-------

EX) Price = \$10.00

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Price(\$)	10.00				

**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. 0

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
TAX No.	0 Don't use TAX rate				

**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

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Tare(kg)	0.100				

**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

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
ProducedDate	1				

**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

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Packed Date	1				

**13. Packed Time**

- Print Time plus Input Value in Hours.  
 See chart on next page.

1 PRINT

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

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Packed Time	1				

**14. Sell By Date**

- Packed Date plus Input Value in Days  
 Minus 1 Day. See Chart on next page.

2 PRINT

EX) 1 : Today  
 2 : Packed date + 1

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Sell By Date	2				

### 15. Sell By Time

1 0 PRINT

- Packed Time plus Input Value in Hours. See Chart on next page.

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

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
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.

0 PRINT

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

EX) Do not use ingredient

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Ingredient No.	0 Don't use Ingredient				

### 17. Sales Message No.

1 PRINT

- If you do not want to use, enter 0
- Note : You can preset sales message at meny code(1241)

EX) Sales Message 1



PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Sales Msg No.	1	Thank You			

### 18. Reference PLU Department

- If you do not want to use, enter 0

 PRINT

EX) Reference PLU Department = 0

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Reference PLU D	0				

### 19. Reference PLU No.

- If you do not want to use, enter 0

 PRINT

EX) Reference PLU No. = 0

PROGRAM MODE	1120	PLU NO. 1	SALE MODE	SAVE	PREV.
Reference PLU N	0	No Data or Table			

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

## 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

1 PRINT 2 PRINT

PROGRAM MODE	1120	NEW/EDIT (9999/10000)	SALE MODE	SAVE	PREV.
Department No.	1	Default			
PLU No.	2	No Data or Table			

### 2. Select PLU Type

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

2 PRINT

EX) BY-Count Item

PROGRAM MODE	1120	PLU NO. 2	SALE MODE	SAVE	PREV.
PLU Type	2	BY-count			

### 3. Enter PLU Name 1

P E A R PRINT

EX) PEAR

PROGRAM MODE	1120	PLU NO. 2	SALE MODE	SAVE	PREV.
Name		PEAR_			

#### 4. Qty Unit No.

1 PRINT

EX) Qty Unit No. 1

PROGRAM MODE	1120	PLU NO. 2	SALE MODE	SAVE	PREV.
Qty Unit No.	1	PCS			

#### 5. Price

1 0 0 0 PRINT

EX) Price = \$10.00

PROGRAM MODE	1120	PLU NO. 2	SALE MODE	SAVE	PREV.
Price(\$)	10.00				

### 2.1.3 Create By-PCS PLU (Menu code 1120)

( MENU → 1. PLU → 2. New/Edit )

※ Showing only the different parts 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.

1 PRINT 3 PRINT

EX) Department # = 1. Default

PLU # = 3

PROGRAM MODE	1120	NEW/EDIT (9998/10000)	SALE MODE	SAVE	PREV.
Department No.	1	Default			
PLU No.	3	No Data or Table			

**2. Select PLU Type**

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

3 PRINT

EX) BY-PCS Item

PROGRAM MODE	1120	PLU NO. 3	SALE MODE	SAVE	PREV.
PLU Type	3 By-pcs				

**3. Enter PLU Name1**

C A K E PRINT

EX) CAKE

PROGRAM MODE	1120	PLU NO. 3	SALE MODE	SAVE	PREV.
Name	CAKE_				

**4. Pieces**

- If you enter 0 , it is regarded as 1.

1 0 PRINT

EX) 10 piece

PROGRAM MODE	1120	PLU NO. 3	SALE MODE	SAVE	PREV.
Pieces	10				

**5. Qty Unit No.**

1 PRINT

EX) Qty Unit No. 1

PROGRAM MODE	1120	PLU NO. 3	SALE MODE	SAVE	PREV.
Qty Unit No.	1		PCS		

## 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

1 PRINT 1 PRINT

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

PROGRAM MODE	1141	COPY	SALE MODE	SAVE	PREV.
Source Dept No :	1	Grocery			
Source PLU No :	1	Potato			

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

#### 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

2 PRINT 1 PRINT

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

PROGRAM MODE	1141	COPY	SALE MODE	SAVE	PREV.
Dest. Dept No :	2	Vegetable			
Dest. PLU No :	1	No Data or Table			

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

## 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.

- Touch “1. Delete by PLU No.”

1	PRINT	1	PRINT
---	-------	---	-------

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

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

Department No.	PLU No.	Description
1		Grocery
	1	Potato

### 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

1 PRINT 1 PRINT

- Enter the Department No. and PLU No. which you wish to move

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

PROGRAM MODE	1143	MOVE	SALE MODE	SAVE	PREV.
Source Dept No :	1	Grocery			
Source PLU No :	1	Potato			

#### 2. Select Destination

2 PRINT 1 PRINT

- 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

PROGRAM MODE	1143	MOVE	SALE MODE	SAVE	PREV.
Dest. Dept No :	2	Vegetable			
Dest. PLU No :	1	No Data or Table			

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



### 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.

PROGRAM MODE	1144	SELECT PLU ITEMS	SALE MODE	SAVE	PREV.
Name2		N			
Name3		N			
Group No.		Y			

Note: You can use the **PAGE UP** and **PAGE 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.



PROGRAM MODE	1145	PLU SALE COUNT	SALE MODE	SAVE	PREV.
Department No.	1	Grocery			
PLU No.	1	Potato			

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

PROGRAM MODE	1145	PLU SALE COUNT	SALE MODE	SAVE	PREV.
Count:		3			
		[TEST]=clear [ZERO]=clear all			

## 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

1 PRINT

EX) Department No. 1

PROGRAM MODE	1150	LIST	SALE MODE	SAVE	PREV.
Department No.	1	Grocery			

### 2. Enter PLU Range

EX) PLU 1~10

1 PRINT 1 0 PRINT

- 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

PROGRAM MODE	1150	LIST	SALE MODE	SAVE	PREV.
Start PLU No :	1				
End PLU No :	10				
List All - press [SAVE] key					

Note: Printing should be done on continuous label stock.



## 2.1.7 Sample Printing (Menu code 1170)

( MENU → 1. PLU → 7. Sample Printing )

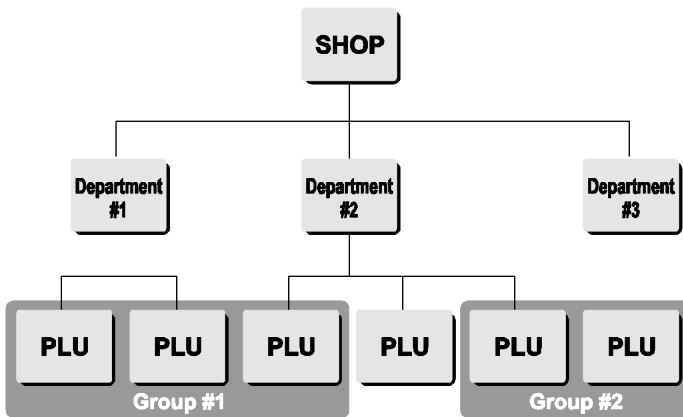
- Used to enable printing a sample PLU label

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 CL7200 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 CL7200 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 CL7200 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 CL7200 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.

2 PRINT

EX) Department No. = 2

#### 2. Department Description

EX) Department Description = GROCERY

G R O C E R Y PRINT

#### 3. Speed Key Setting

- Refer to 2.6 Speed Key

1 PRINT

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.

PROGRAM MODE	1211	NEW/EDIT DEPARTMENT	SALE MODE	SAVE	PREV.
Department No.	2				
Description:	GROCERY_				
Speed Key Set No	1				

### 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.

1 PRINT 1 0 PRINT

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.

PROGRAM MODE	1212	LIST DEPARTMENT	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	10				
List All - press [SAVE] key					

			SALE MODE	SAVE	PREV.																								
<table border="1"> <tr><td>1</td><td>1</td><td>Default</td></tr> <tr><td>2</td><td>1</td><td>GROCERY</td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>			1	1	Default	2	1	GROCERY																					
1	1	Default																											
2	1	GROCERY																											
<table border="1"> <tr><td>↑</td><td>↓</td><td></td><td></td><td></td><td></td><td>↑</td><td>↓</td></tr> </table>			↑	↓					↑	↓																			
↑	↓					↑	↓																						
2014-12-11 10:07:43																													

### 2.2.1.3 Delete Department (Menu code 1213)

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

#### 1. Enter Department number

2 PRINT

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

PROGRAM MODE	1213	DELETE DEPARTMENT	SALE MODE	SAVE	PREV.
Department No.	2	GROCERY			

### 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.

1 PRINT

EX) Group No = 1

#### 2. Enter Group Description

B A G E L PRINT

EX) Group Description = BAGEL

PROGRAM MODE	1221	NEW/EDIT GROUP	SALE MODE	SAVE	PREV.
Group No.	1				
Description:	BAGEL_				

### 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

1	PRINT	1	0	PRINT
---	-------	---	---	-------

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.

PROGRAM MODE	1222	LIST GROUP	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	10				
List All - press [SAVE] key					





### 2.2.2.3 Delete Group (Menu code 1223)

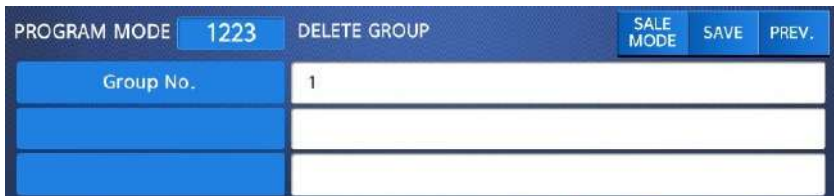
( MENU → 2. PLU Data Table I → 2. Group → 3. Delete )

#### 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.



## 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

#### 2. Set Tax Type

- See Tax Type table as below.
- EX) Internal TAX Type

0 PRINT

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

5 0 0

EX) Tax Rate = 5.00%

PROGRAM MODE	1231	NEW/EDIT TAX RATE	SALE MODE	SAVE	PREV.
TAX No.	1				
TAX Type(0=Int/1=Ext) :	0				
TAX Rate :	5.00				

#### 4. Exit Menu

- If you want to exit, press ESC key.

X  
ESC



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

PROGRAM MODE	1233	DELETE TAX RATE	SALE MODE	SAVE	PREV.
TAX No.	1				

## 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

#### 2. Enter Message

EX) Message = THANK YOU



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

PROGRAM MODE	1241	NEW/EDIT SALES MESSAGE	SALE MODE	SAVE	PREV.
Sales Msg No.	1				
Message :	Thank You				

#### 3. Exit Menu

- If you want to exit, press ESC key.



### 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.

PROGRAM MODE	1242	LIST SALES MESSAGE	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	10				
List All - press [SAVE] key					

### 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.

1	PRINT
---	-------

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.

### 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
---	---	-------

#### 2. Enter Origin

K	O	R	E	A	PRINT
---	---	---	---	---	-------

EX) Origin = KOREA

PROGRAM MODE		1251	NEW/EDIT ORIGIN		SALE MODE	SAVE	PREV.
Origin No.	:	10					
Origin	:	KOREA_					

### 3. Exit Menu

- If you want to exit, press ESC key.



### 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

PROGRAM MODE		1252	LIST ORIGIN		SALE MODE	SAVE	PREV.
- Start Number :	:	1					
- End Number :	:	10					
List All - press [SAVE] key							

PROGRAM MODE		1252	LIST ORIGIN		SALE MODE	SAVE	PREV.
		1 KOREA					

↑ ↓ ← → ↑ ↓

) Program Mode > PLU data table I > Origin > List origin 2014-12-11 10:30:02

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

### 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.

PROGRAM MODE	1253	DELETE ORIGIN	SALE MODE	SAVE	PREV.
Origin No.	10				

### 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 CL7200 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

#### 2. Barcode Description.

EX) Barcode Description = EAN13-1

#### 3. Barcode Type

- Reference following table.



EX) Barcode Type = 1. EAN-13

PROGRAM MODE	1261	NEW/EDIT BARCODE	SALE MODE	SAVE	PREV.
Barcode No.	1				
Description:	EAN13-1_				
Type :	1	EAN-13			

► 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.

1	PRINT	G	G	PRINT
---	-------	---	---	-------

EX) Barcode Form = 1. Change  
DDIIIIIPPPPC to GGIIIIIPPPPC

PROGRAM MODE	1261	NEW/EDIT BARCODE	SALE MODE	SAVE	PREV.
Form (0~4) :	1				
	GGIIIIIPPPPC				

► The following defines the format characters for Barcode Formats : Example EAN13 )

Form No.	Format	Form No.	Format
0	User Defined Barcode	3	DIIIIIPPPPPC
1	DDIIIIPPPPPC	4	DIIIIIPPPPPC
2	DDIIIIPPPPPC		

► 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

**1** PRINT    **1** **0** PRINT

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.

PROGRAM MODE	1262	LIST BARCODE	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	10				
List All - press [SAVE] key					

PROGRAM MODE	1262	LIST BARCODE	SALE MODE	SAVE	PREV.
		1 1 GGIIIIIPPPPPC EAN13-1			

> Program Mode > PLU data table I > Barcode > List barcode    2014-12-11 10:33:35

### 2.2.6.3 Delete Barcode (Menu code 1263)

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

**1** PRINT

### 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.

PROGRAM MODE	1263	DELETE BARCODE	SALE MODE	SAVE	PREV.
Barcode No.	1				

### 2.2.7 Tare (Menu code 1270)

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

The CL7200 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.

1	PRINT
---	-------

EX) Tare No. = 1

##### 2. Tare Description

EX) Tare Description = Container

C	O	N	T	A	I
N	E	R	PRINT		

##### 3. Tare Type

1	PRINT
---	-------

- 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.

► 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

PROGRAM MODE	1271	NEW/EDIT TARE	SALE MODE	SAVE	PREV.
Tare No.	1				
Description:	CONTAINER				
Tare type :	1 → Numeric Tare				

4. Enter Tare Value

1	0	PRINT
---	---	-------

EX) Tare = 0.010 Kg

PROGRAM MODE	1271	NEW/EDIT TARE	SALE MODE	SAVE	PREV.
Tare : (kg)	0.010				

5. Exit Menu

- If you want to exit, press ESC key.



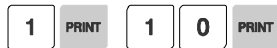
※ If you set Tare No. to 1 when you create PLU, tare is set to 0.010kg that is programmed here.

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.

PROGRAM MODE	1272	LIST TARE	SALE MODE	SAVE	PREV.
- Start Number : [ ]		1			
- End Number : [ ]		10			
List All - press [SAVE] key					

PROGRAM MODE	1272	LIST TARE	SALE MODE	SAVE	PREV.
		1 0.010 kg CONTAINER			
	↑	↓			
) Program Mode > PLU data table I > Tare > List tare					
2014-12-11 10:41:46					

### 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.

PROGRAM MODE	1273	DELETE TARE	SALE MODE	SAVE	PREV.
Tare No.	1				

#### 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.

1	PRINT
---	-------

EX) Tare Key = 1

##### 2. Enter tare number

1	PRINT
---	-------

EX) Tare No = 1

Note: Tare No.'s can be 1 to 99.  
Tare Keys are 1 to 9 only.

PROGRAM MODE	1274	TARE KEY	SALE MODE	SAVE	PREV.
Tare Key :	1				
Tare No.	1 0.010kg CONTAINER				

#### 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 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

#### 2. Enter unit symbol

EX) Symbol = ™



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

PROGRAM MODE	1281	NEW/EDIT UNIT SYMBOL	SALE MODE	SAVE	PREV.
Qty Unit No.	1				
Symbol :	™				

#### 3. Exit menu

- If you want to exit, press ESC key.



### 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



EX) Unit Symbols 1~8

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



PROGRAM MODE	1282	LIST UNIT SYMBOL	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	8				
List All - press [SAVE] key					

PROGRAM MODE	1282	LIST UNIT SYMBOL	SALE MODE	SAVE	PREV.
		1 TM			
		2 EA			
		3 PACK			
		4 NOS			
		5			
		6			
		7			
		8			
		↑	↓	↑	↓
) Program Mode > PLU data table I > Unit Symbol > List Unit Symbol					2014-12-11 10:45:39

### 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.

PROGRAM MODE	1283	DELETE UNIT SYMBOL	SALE MODE	SAVE	PREV.
Qty Unit No.	1				

## 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

##### 2. Enter ingredient

EX) Ingredient Line1 = SALT

EX) To print "SUGAR" on next line, enter "NEW LINE" key 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 PAGE UP or PAGE DOWN key will move the cursor to the beginning or end of the brackets respectively.

PROGRAM MODE	1311	NEW/EDIT INGREDIENT	SALE MODE	SAVE	PREV.
Ingredient No.	1				
Ingredients	SALT SUGAR_		( 11/510)		

##### 3. Exit menu

- If you want to exit, press ESC key.



### 2.3.1.2 List Ingredient (Menu code 1312)

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

#### 1. Set the list range

1 PRINT

1 0 PRINT

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

PROGRAM MODE 1312		LIST INGREDIENT	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	10				
List All - press [SAVE] key					

PROGRAM MODE 1312		LIST INGREDIENT	SALE MODE	SAVE	PREV.
		1 SALT			
		SUGAR			

> Program Mode > PLU data table II > Ingredient > List ingredient

2014-12-11 11:06:58

### 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

1 PRINT

EX) Delete ingredient no. 1

PROGRAM MODE	1313	DELETE INGREDIENT	SALE MODE	SAVE	PREV.
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.

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.

## 2.3.2 Nutrition Facts (Menu code 1320)

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

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)

( MENU → 3. PLU Data Table II → 2. Nutrition Facts → 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.
- ◆ You can use the **PAGE UP** and **PAGE 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.

1 PRINT

EX) Nutrition fact no = 1

**2. Enter description**

EX) BEEF STEW

B E E F  
S T E W PRINT

**3. Enter Serving Size(Text)**

EX) Serving size = 1CUP

1 C U P PRINT

PROGRAM MODE	1321	NEW/EDIT NUTRIFACT	SALE MODE	SAVE	PREV.
NutriFact No.	1				
Description	BEEF STEW				
Serving Size (Text) :	1CUP_				

**4. Serving Per Container(Text)**

EX) Serving Per Container = 2

2 PRINT

**5. Calories**

EX) Calories = 230

2 3 0 PRINT

**6. Calories from fat**

EX) Calories From Fat= 120

1 2 0 PRINT

PROGRAM MODE	1321	NEW/EDIT NUTRIFACT	SALE MODE	SAVE	PREV.
Serving Per Con :	2				
Calories :	230				
Calories From Fat :	120				

**7. Total Fat(g)**

EX) Total fat = 14 g

1 4 PRINT

**8. Saturated fat(g)**

7 PRINT

EX) Saturated fat = 7 g

**9. Trans Fat(g)**

4 0 PRINT

EX) Trans Fat = 1 g

PROGRAM MODE	1321	NEW/EDIT NUTRIFACT	SALE MODE	SAVE	PREV.
Total Fat(g)	:	14			
Saturated Fat(g)	:	7			
Trans Fat(g)	:	40			

**10. Cholesterol(mg)**

4 0 PRINT

EX) Cholesterol = 40 mg

**11. Sodium(mg)**

9 5 0 PRINT

EX) Sodium = 950 mg

**12. Total Carbohydrate(g)**

1 6 PRINT

EX) Total Carbohydrate = 16 g

PROGRAM MODE	1321	NEW/EDIT NUTRIFACT	SALE MODE	SAVE	PREV.
Cholesterol (mg)	:	40			
Sodium (mg)	:	950			
Total Carbohydrates (g)	:	16			

**13. Dietary Fibers(g)**

2 PRINT

EX) Dietary Fiber = 2 g

**14. Sugars(g)**

3 PRINT

EX) Sugars = 3 g

**15. Protein(g)**

1 1 PRINT

EX) Protein = 11 g

PROGRAM MODE	1321	NEW/EDIT NUTRIFACT	SALE MODE	SAVE	PREV.
Dietary Fibers (g)	:	2			
Sugars (g)	:	3			
Protein (g)	:	11			

**16. Vitamin A(%)**

2	0	PRINT
---	---	-------

EX) Vitamin A = 20%

**17. Calcium(%)**

2	PRINT
---	-------

EX) Calcium = 2%

**18. Vitamin C(%)**

0	PRINT
---	-------

EX) Vitamin C = 0 %

PROGRAM MODE	1321	NEW/EDIT NUTRIFACT	SALE MODE	SAVE	PREV.
Vitamin A (%)	:	20			
Calcium (%)	:	2			
Vitamin C (%)	:	0			

**19. Iron(%)**

6	PRINT
---	-------

EX) Iron = 6 %

PROGRAM MODE	1321	NEW/EDIT NUTRIFACT	SALE MODE	SAVE	PREV.
Iron (%)	:	6			
	:				
	:				

**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**

1	PRINT	8	0	PRINT
---	-------	---	---	-------





PROGRAM MODE	1323	DELETE NUTRIFACT	SALE MODE	SAVE	PREV.
NutriFact No.	1				

## 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 PAGE UP and PAGE 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

PROGRAM MODE	1131	NEW/EDIT DISCOUNT	SALE MODE	SAVE	PREV.
Department No.	1	Default			
PLU No.	1	Potato			

##### 2. Enter discount type

- Refer to Discount Type table as below

1 PRINT

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

EX) 1. Unit Price Discount

PROGRAM MODE	1131	WEIGHT DISCOUNT	SALE MODE	SAVE	PREV.
Discount Type :	1				
		1. Unit price discount			

► 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

1	0	0	PRINT
1	0	0	PRINT

• 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.

PROGRAM MODE	1131	WEIGHT DISCOUNT	SALE MODE	SAVE	PREV.
First Target : (kg)	0.100				
First Value : (\$)	1.00				

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

PROGRAM MODE	1131	WEIGHT DISCOUNT	SALE MODE	SAVE	PREV.
Second Target : (kg)	0.500				
Second Value : (\$)	2.00				

No.	Type	Description
1	First Target Weight	Set weight limit for 1st stage of idscout.
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 )**

0 0 0 0

1 1 1 PRINT

1 -> Discount

0 -> Do not discount

EX) Discount on Thursday, Friday and Saturday

PROGRAM MODE	1131	WEIGHT DISCOUNT	SALE MODE	SAVE	PREV.
Input '1' or '0' [SMTWTFSS]					
Day of Week :	0000111				

### 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

PROGRAM MODE	1131	WEIGHT DISCOUNT	SALE MODE	SAVE	PREV.
Start Date :	04-07-01				
End Date :	04-07-31				

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

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

PROGRAM MODE	1131	WEIGHT DISCOUNT	SALE MODE	SAVE	PREV.
Start Time :	08:00:00				
End Time :	18:30:00				

### 6. Exit menu

- If you want to exit, press the ESC key.



### 2.4.1.2 List Discount (Menu code 1132)

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

#### 1. Enter department number to check

EX) Department No 1.

1 PRINT

PROGRAM MODE	1132	LIST DISCOUNT	SALE MODE	SAVE	PREV.
Department No.	1	Default			

## 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.

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.

PROGRAM MODE	1132	LIST DISCOUNT	SALE MODE	SAVE	PREV.
Start PLU No :	1				
End PLU No :	10				
List All - press [SAVE] key					

### 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)

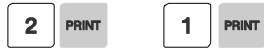
(MENU → 1. PLU → 3. Discount → 3. Delete → 1. Delete by PLU no.(DC))

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

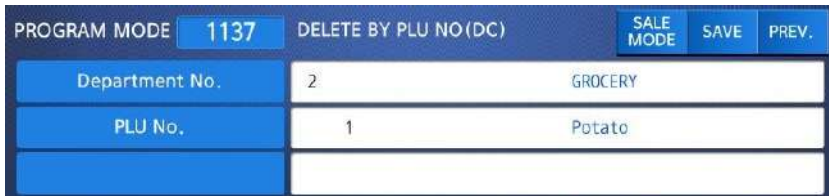


**1. Enter the department number and PLU number to delete**

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) 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)

PROGRAM MODE 1133 DELETE DISCOUNT SALE MODE SAVE PREV.

1. PLU 1. Delete by PLU No(DC)  
2. PLU data table I 2. Delete by Dept. No(DC)  
3. PLU data table II 3. Delete All(DC)  
4. Store data table  
5. Global setting  
6. Report  
7. Print  
8. Scale config

1/2 1/1

> Program Mode > PLU > Discount > Delete discount 2014-12-12 10:44:51

### 1. Enter the department number to delete

2 PRINT

EX) Department number = 2

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.

PROGRAM MODE 1138 DELETE BY DEPT. NO(DC) SALE MODE SAVE PREV.

Department No. 2 GROCERY

1/1

> Program Mode > PLU > Discount > Delete by Dept. No(DC) 2014-12-12 10:44:51

### 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)

PROGRAM MODE	1133	DELETE DISCOUNT	SALE MODE	SAVE	PREV.
1. PLU	1. Delete by PLU No(DC)				
2. PLU data table I	2. Delete by Dept. No(DC)				
3. PLU data table II	3. Delete All(DC)				
4. Store data table					
5. Global setting					
6. Report					
7. Print					
8. Scale config					
↑	1/2	↓			
Program Mode > PLU > Discount > Delete discount			2014-12-12 10:44:51		

Press 1 key to select Delete all (DC)

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

1 PRINT

PROGRAM MODE	1139	DELETE ALL(DC)	SALE MODE	SAVE	PREV.
Are you sure?(1=Y/0=N)	Y				

## 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.

### 1. Speed Key Set No.

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)

Select speed key set no. You can use this number when you program menu 1211.

EX1) Speed key set No. = 2

2	PRINT
---	-------

### 2. Speed Key Programming

- The Speed keys are numbered left-to-right and top-to-bottom. 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

1	PRINT
---	-------

### 3. PLU No.

- Enter PLU no. to assign speed key
- PLU should be belong to scale department.

\* Press the "TEST" key in this column will be assigned to function keys instead of the PLU. For the function number, please see the description of the menu 1880.

EX1) PLU 10 = BEEF

1	0	PRINT
---	---	-------

PROGRAM MODE	1161	SPEED KEY	SALE MODE	SAVE	PREV.
Speed Key Set No		2			
Speed key No		1			
PLU No.		10		BEEF	

### 4. Background Color

You can set the key color. The list is shown below.

1: White, 2: Gray, 3: Dodger Blue, 4: Royal Blue, 5: Midnight Blue, 6: Green, 7: Orange, 8: Pink, 9: Purple

### 5. Font Color

You can change the text color that appears on the speed key.

1: Black, 2: Red, 3: Green, 4: Blue, 5: Yellow, 6: Aqua, 7: Pink, 8: White, 9: Gray

## 6. Cell Size

You can set the size of the speed key.

1: 1 by 1

2: 2 by 1

3: 1 by 2

4: 2 by 2

PROGRAM MODE	1161	SPEED KEY	SALE MODE	SAVE	PREV.
Background Color :	1	White			
Font Color :	1	Black			
Cell Size :	1	1X1			

## 7. Font Size

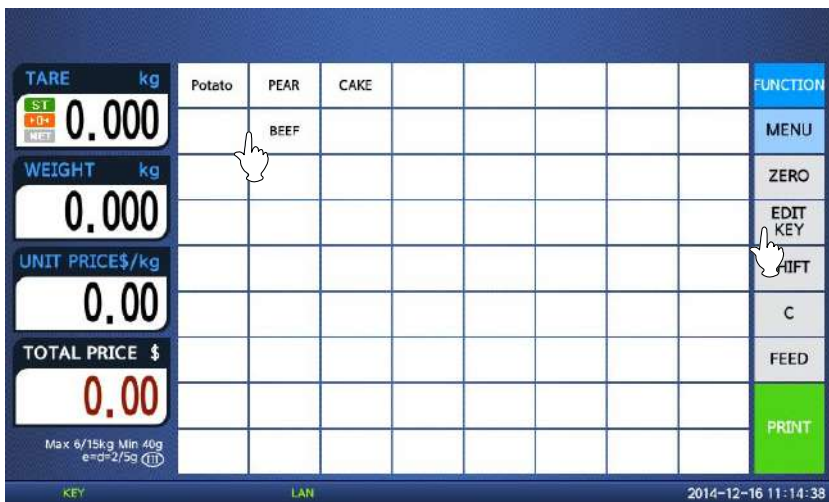
You can change the size of the text shown on the speedkey.

1 ~ 40 points

PROGRAM MODE	1161	SPEED KEY	SALE MODE	SAVE	PREV.
Font Size :	13				

## 8. Effective way to set speed key in sale mode.

1) Press the "EDIT KEY" key to change to the speed key setting mode.



- 2) Press the speed key to set, then the menu is displayed on the screen.
- 3) Input the desired value. (Enter the same way the menu above 1160.)
- 4) Store settings by pressing the "SAVE" key.
- 5) Press "EDIT KEY" key to go back to the sale mode.

## 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.

1 PRINT

EX) Traceability number = 1

##### 2. Enter description

EX) Description = SIRLOIN

S I R L  
O I N PRINT

PROGRAM MODE	1331	NEW/EDIT TRACEABILITY	SALE MODE	SAVE	PREV.
Traceability No.	1				
Description:	SIRLOIN_				

##### 3. Born in country number

EX) Born in country No. = 1. SWEDEN

1 PRINT



#### 4. Bred in country number

9 5 PRINT

EX) Bred in country No. = 95. KOREA

PROGRAM MODE	1331	NEW/EDIT TRACEABILITY	SALE MODE	SAVE	PREV.
Born in country No :	1	SWEDEN			
Bred in country No :	95	KOREA			

#### 5. Slaughter house number

1 2 PRINT

EX) Slaughter house No. = 12. BILLY S

#### 6. Cutting hall number

2 3 PRINT

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

PROGRAM MODE	1331	NEW/EDIT TRACEABILITY	SALE MODE	SAVE	PREV.
Slaughter house No :	12	BILLY S			
Cutting hall No :	23	HAN S CUT			

#### 7. Exit menu

X  
ESC

- If you want to exit, press ESC key.

### 2.7.1.2 List Traceability (Menu code 1332)

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

#### 1. Set the list range

1 PRINT 1 0 PRINT

- 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.

PROGRAM MODE	<b>1332</b>	LIST TRACEABILITY	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	10				
List All - press [SAVE] key					

	SALE MODE	SAVE	PREV.	
1 :001,095,012,023 SIRLOIN				
↑	↓		↑	↓
				2014-12-16 11:54:42

### 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

**2** PRINT

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.

PROGRAM MODE	1333	DELETE TRACEABILITY	SALE MODE	SAVE	PREV.
Traceability No.	2				

## 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.

1	PRINT
---	-------

EX) Country No. = 1

##### 2. Enter country name

K	O	R	E	A	PRINT
---	---	---	---	---	-------

EX) Name = KOREA

PROGRAM MODE	1341	NEW/EDIT COUNTRY	SALE MODE	SAVE	PREV.
Enter country No :	1				
Name :	KOREA				

##### 3. Exit menu

- If you want to exit, press ESC key.

X
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

1	PRINT	1	0	PRINT
---	-------	---	---	-------

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.

PROGRAM MODE	1342	LIST COUNTRY	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	10				
List All - press [SAVE] key					

### 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

1	PRINT
---	-------

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.

PROGRAM MODE	1343	DELETE COUNTRY	SALE MODE	SAVE	PREV.
Enter country No :	1				

## 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.

1 PRINT

EX) Slaughter house No. = 1

##### 2. Enter Slaughter House

- Enter slaughter house name or registered number.

K S H 1 2 PRINT

EX) Slaughter house registered no. = KSH12

##### 3. Enter slaughter house country number

- You can use contry number which is programmed at menu 1341

1 PRINT

EX) Slaughter house Country No. = 1. KOREA

PROGRAM MODE	1351	NEW/EDIT SLAUGHTER HOUS	SALE MODE	SAVE	PREV.
Enter slaughter house No :	1				
House :	KSH12				
Country:	1		KOREA		

##### 4. Exit menu

- If you want to exit without making any changes, press ESC key.

X  
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

1	PRINT	1	0	PRINT
---	-------	---	---	-------

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.

PROGRAM MODE	1352	LIST SLAUGHTER HOUSE	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	10				
List All - press [SAVE] key					

### 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

1	PRINT
---	-------

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.

PROGRAM MODE	1353	DELETE SLAUGHTER HOUSE	SALE MODE	SAVE	PREV.
Enter slaughter house No :	1				

## 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 cutting hall number

- This value can be from 1 to 99

1 PRINT

EX) Cutting hall no. = 1

##### 2. Enter cutting hall information

- Enter cutting hall name or registered number.

K C H 1 2 PRINT

EX) Cutting hall registered number = KSH12

##### 3. Cutting hall Country number

- You can use country number which is programmed at menu 1341 (See page 74)

1 PRINT

EX) Cutting Hall Country no. = 1. KOREA

PROGRAM MODE	1361	NEW/EDIT CUTTING HALL	SALE MODE	SAVE	PREV.
Enter Cutting Hall No :	1				
Hall :	KCH12				
Country:	1		KOREA		

##### 4. Exit menu

- If you want to exit, press ESC key.

X  
ESC





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.

PROGRAM MODE	1363	DELETE CUTTING HALL	SALE MODE	SAVE	PREV.
Enter Cutting Hall No :	1				

## 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.

1	PRINT
---	-------

EX) #1

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

C	A	S			
S	T	O	R	E	PRINT

EX) NAME = CAS STORE

##### 3. Press PRINT key, then user may enter other store information such as TELEPHONE NUMBER or any text information.

EX) TEL.#=2019339002,

PROGRAM MODE	1411	NEW/EDIT STORE	SALE MODE	SAVE	PREV.
Store No. :	1				
Name :	CAS STORE				
TEL :	2019339002_				

TEXT=NJ CAS office

PROGRAM MODE	1411	NEW/EDIT STORE	SALE MODE	SAVE	PREV.
Text :	NJ CAS OFFICE				

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



### 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.

PROGRAM MODE	1412	LIST STORE	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	10				
List All - press [SAVE] key					

PROGRAM MODE	1412	LIST STORE	SALE MODE	SAVE	PREV.
		1 CAS STORE 2019339002			
				↑	↓
) Program Mode ) Store data table ) Store ) List store					2014-12-16 12:00:35

### 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

PRINT

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.

PROGRAM MODE		DELETE STORE	SALE MODE	SAVE	PREV.
Store No. :	1				

### 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,

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



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

PROGRAM MODE	1421	NEW/EDIT CUSTOMER	SALE MODE	SAVE	PREV.
Customer No. :	1				
Name :	TOM				
Address 1 :	99 Murry hill_				

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

EX) ADDRESS3=NJ 07073

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

TEL=2019339002  
 CREDIT LIMIT AMOUNT0=200.00

PROGRAM MODE	1421	NEW/EDIT CUSTOMER	SALE MODE	SAVE	PREV.
Address 2 :	East ford				
Address 3 :	NJ 07073				
TEL :	2019339002				

PROGRAM MODE	1421	NEW/EDIT CUSTOMER	SALE MODE	SAVE	PREV.
Credit Limit Amount :	200.00				

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

### 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

1	PRINT	1	0	PRINT
---	-------	---	---	-------

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.

PROGRAM MODE	1422	LIST CUSTOMER	SALE MODE	SAVE	PREV.
Start Customer No. :	1				
End Customer No. :	10				



### 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.



## 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 CL7200 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 speaker volume for playing movie.

#### 1. Configuration

- User may set the wait time from 1 to 6000 seconds. Setting wait-time as 0 means NO use.



- Wait-time

This value can be from 1 to 6000 seconds.

Ex.) 5 seconds

- Speaker Volume

This value can be from 0 to 100.

PROGRAM MODE	1431	CONFIGURATION	SALE MODE	SAVE	PREV.
Wait Time(1s):		5			
Speaker Volume :		100			

### 2.11.3.2 Edit Scroll Message (Menu Code 1432)

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

#### 1. Set whether or not to use the ad.

To use the advertising message to "Y(1)" key, press the "N(0)" key to disable it.

PROGRAM MODE	1432	EDIT SCROLL MESSAGE	SALE MODE	SAVE	PREV.
Use message(Y/N)		Y			

## 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.

1 PRINT

EX) Currency No. = 1

#### 2. Rate Decimal Point

- Enter the Rate Decimal Point (default = 4)

3 PRINT

EX) Rate Decimal Point = 3

#### 3. Currency Rate.

- Enter comparative rate of currency to default currency set.

EX) Default currency = \$1.00

Comparative currency rate to default Currency = 12.800

1 2 8 0 0 PRINT

PROGRAM MODE	1441	NEW/EDIT CURRENCY	SALE MODE	SAVE	PREV.
Enter Currency No:	1				
Rate Decimal Point:	3				
Currency Rate:	12.800				

#### 4. Primary Sign

- Enter the first currency sign to be changed.

CHR 8 0 PRINT

EX) Primary Sign = €

#### 5. Last Symbol

- Enter the last currency symbol to be

PRINT



changed.

EX) No last symbol

### 6. Price Decimal Digit

- Enter the number of decimal digit

2 PRINT

EX) Price Decimal point digit = 2

PROGRAM MODE	1441	NEW/EDIT CURRENCY	SALE MODE	SAVE	PREV.
Primary Sign :	€				
Last Sign :					
Price Decimal Point:	2				

### 7. Price Output Format

- Enter the number of format

2 PRINT

EX) Price Output Format = 2

PROGRAM MODE	1441	NEW/EDIT CURRENCY	SALE MODE	SAVE	PREV.
Price Output Format(LABEL) :	2				

#### ► 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 PRINT

4 PRINT

### 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.

PROGRAM MODE	1442	LIST CURRENCY	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	4				
List All - press [SAVE] key					

### 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.

### 2.11.5 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.

### 2. Department No.

- Enter the number of Department to call.

### 3. PLU No.

- Enter the number of PLU to call.

Note : This PLU must belong to count or PCS type

PROGRAM MODE	1451	NEW/EDIT SCHEDULE	SALE MODE	SAVE	PREV.
Job Batch NO :	1				
Department No.	1	Default			
PLU No.	1	Potato			

### 4. Label Print Quantity

- Enter the total number of label printing to print.  
You can enter 1-99.

PROGRAM MODE	1451	NEW/EDIT SCHEDULE	SALE MODE	SAVE	PREV.
Label Print Quantity :	1				

## 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.

PROGRAM MODE	1453	DELETE SCHEDULE	SALE MODE	SAVE	PREV.
Job Batch NO :	2				

#### 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 CL7200 series.

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

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

PROGRAM MODE	1462	LIST CONV TABLE	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	1999				
List All - press [SAVE] key					

### 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

2	PRINT
---	-------

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.

PROGRAM MODE	1463	DELETE CONV TABLE	SALE MODE	SAVE	PREV.
Scan code NO :	2				

### 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

X	X	X	X	X	X	X
W	W	W	W	W		PRINT

Enter defined 12-digit number or letter that scanner can recognize.

Assigned representative characters are written below.

PROGRAM MODE	1464	SCANNER CONFIG	SALE MODE	SAVE	PREV.
01 :	XXXXXXXXWWW/W				
02 :					
03 :					

-“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 : [ XXXXXXXXWWWWW ]

- 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 : [ 00XXXXXX000000 ]

- From 3 to 5 digits “XXXXXX” calls PLU by comparing with Mapping Code. At this time, you must enter 5 digits as Mapping Code in menu1461.

Example 3) Scan Form : [ XXXXXXXXXXXXXXX ]

- 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 number 1-8 you want.

### 2. Label #.

Enter the label number to be assigned that function key.

### 3. PLU Barcode No.

Enter the barcode number to be assigned that function key.

PROGRAM MODE	1470	LABEL FORMAT KEY TABLE	SALE MODE	SAVE	PREV.
Label Speed Key :	1				
Label1 #:	1	156030-00001(60x30)			
PLU barcode1 No:	1				

## 2.12 Programming Global Setting

The Global Setting function is used to program functions of the CL7200 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 CL7200 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.

1 PRINT

- Note: If you have selected to use a Global Label Format, the Label Format that is ignored and the Global Label Format selected in the next step will be used for every F

### 2. Set PLU label No.

- Set PLU label number

2 PRINT

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

PROGRAM MODE	1510	LABEL FORMAT	SALE MODE	SAVE	PREV.
Use global label1 (1=Y/0=N) :	Y				
PLU Label No. :	2	IS6030-00002(60x30)			

### 3. Set Miscellaneous label number

- Set label format for miscellaneous item.

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

2 PRINT

### 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

PROGRAM MODE	1510	LABEL FORMAT	SALE MODE	SAVE	PREV.
Misc. Label No. :	2	IS6030-00002(60x30)			
Total Label No. :	10	IS6040-00010(60x40)			

### 5. Set printing direction of total label

Y PRINT

Y PRINT



EX) Reverse Total Label = Y.

## 6. Set printing direction of PLU and Misc. item

EX) Reverse Item Label = Y

PROGRAM MODE	1510	LABEL FORMAT	SALE MODE	SAVE	PREV.
Reverse Total Label :	Y				
Reverse Item Label :	Y				

## 7. Input Label #2

1	1	PRINT
---	---	-------

EX) Label2 # : [11]

PROGRAM MODE	1510	LABEL FORMAT	SALE MODE	SAVE	PREV.
Label2 #:	11	156040-00011(60x40)			
Ext. Label Name	FORM1				

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.



## 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 PRINT

**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

**2. Set barcode number for by-weight PLU**

2 PRINT

EX) PLU Weight barcode No. = 2

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

2 PRINT

EX) PLU Count barcode No. = 2

PROGRAM MODE	1520	BARCODE	SALE MODE	SAVE	PREV.
Use global barcode I (1=Y/0=N)		Y			
PLU weight barcode No. :		2			EAN13
PLU count barcode No. :		2			EAN13

**4. Set barcode number for by-PCS PLU**

2 PRINT

EX) PLU PCS barcode No. = 2

**5. Set barcode number for fixed PLU**

2 PRINT

EX) PLU fixed barcode No. = 2

**6. Set barcode number for Misc. weight item**

2 PRINT

EX) Misc. weight barcode No. = 2

PROGRAM MODE	1520	BARCODE	SALE MODE	SAVE	PREV.
PLU pcs barcode No. :		2			EAN13
PLU fixed barcode No. :		2			EAN13
Misc. weight barcode No. :		2			EAN13

**7. Set barcode number for Misc. count item**

2 PRINT

2 PRINT

EX) Misc. Count barcode No. = 2

### 8. Set barcode number for Misc. PCS Item

EX) Misc. PCS barcode No. = 2

### 9. Set barcode number for Add-Up Total

EX) Add Up TTL barcode No. = 2

PROGRAM MODE	1520	BARCODE	SALE MODE	SAVE	PREV.
Misc. count barcode No. :	2	EAN13			
Misc. pcs barcode No. :	2	EAN13			
Add up TTL barcode No. :	2	EAN13			

### 10. Set barcode number for floating Total

2	PRINT
---	-------

EX) Floating TTL barcode No. = 2

### 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.

PROGRAM MODE	1520	BARCODE	SALE MODE	SAVE	PREV.
Add up TTL barcode2 No. :	2	EAN13			
PLU barcode2 No.:	2	EAN13			

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

X
ESC

- 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

**1** PRINT

It sets up the applied tax when product sales.

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

PROGRAM MODE	1541	SET GLOBAL TAX	SALE MODE	SAVE	PREV.
Set Global Tax :	1				

#### 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.

**0** PRINT

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)

##### 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

**0** PRINT

(Selection among tax at registered menu 1230, 9 options)

PROGRAM MODE	1542	GLOBAL TAX NO.	SALE MODE	SAVE	PREV.
Select Tax No. :	0		Don't use TAX rate		
Misc Tax No. :	0		Don't use TAX rate		

## 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

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)

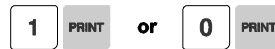
( MENU → 7. Print → 1. Print Label Item )

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 **PAGE UP** and **PAGE 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.

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



PROGRAM MODE	1710	PRINT LABEL ITEM	SALE MODE	SAVE	PREV.
Department Name (Y/N) :	Y				
Department Number (Y/N) :	Y				
Group Number (Y/N) :	Y				

- 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)

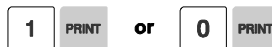
( MENU → 7. Print → 2. Mark down )

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



2. After setting all of above MARK DOWN sub-menus use "ESC" key or "SAVE" key to go back to PRINT Main menu.



PROGRAM MODE	1720	MARKDOWN	SALE MODE	SAVE	PREV.
Total Price Markdown :	Y				
Unit Price Markdown :	Y				
Weight Markdown :	N				

### 2.13.3 Printer Hardware (Menu code 1730)

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

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

PROGRAM MODE	1730	PRINTER HARDWARE	SALE MODE	SAVE	PREV.
1. PLU	1. Print Mode				
2. PLU data table I	2. Label/Ticket Size				
3. PLU data table II	3. Sensor Calibration				
4. Store data table	4. Sensor & Motor				
5. Global setting	5. Print Intensity				
6. Report	6. Adjust Feed Length				
7. Print	7. Label Pre-print				
8. Scale config	8. Adjust Reverse Feed Length				
↑ 1/2 ↓					↑ 1/1 ↓
} Program Mode } Print } Printer Hardware					2014-12-17 15:35:09

#### ► Printer Hardware Sub-Menu

No.	Sub-menu	Description
1	Print Mode	Select label, ticket or continuous label mode.

2	Label / Ticket Size	<p>If it is Label mode, “<b>Width(60)</b>”, “<b>Height(40)</b>” and “<b>Gap length(2)</b>” size is set, If it is Ticket mode, “<b>Width(60)</b>”, “<b>Feed(20)</b>” and “<b>End Margin(30)</b>” size is set. If you use Continuous Label Paper in Label mode, “Gap length” value is applied to “End Margin”.</p> <p>* The values in ( ) are default.</p>
3	Sensor Calibration	<p>Enter the “<b>Gap(128)</b>” and “<b>Peel(128)</b>” values for printing sensor calibration.</p> <p>* The values in ( ) are default.</p> <p>* If you press “TEST” key, Gap and Peel values are adjusted automatically.</p> <p>* In case of Ticket mode, Gap value is not saved.</p>
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	<p>Set adjusting values of feed length.</p> <p>This value can be from -200 to +200. You can change sign(+, -) by pressing ZERO key.</p> <p>+ value will print higher than THP.</p> <p>* Pressing “TEST” key automatically feeds to adjust the feed length.</p>
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.

PROGRAM MODE	1731	PRINT MODE	SALE MODE	SAVE	PREV.
Print Mode (0-2) :		0			
		Label Mode			

### 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.

PROGRAM MODE	1732	LABEL SIZE	SALE MODE	SAVE	PREV.
Width : (mm)		60			
Height : (mm)		40			
Gap Length : (mm)		2			

PROGRAM MODE	1732	TICKET SIZE	SALE MODE	SAVE	PREV.
Width :mm		60			
Feed : mm		20			
End Margin :mm		30			

### 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.

PROGRAM MODE	1733	SENSOR CALIBRATION		
Gap (Ticket) :	128	SALE MODE	SAVE	PREV.
Peel :	128			
[TEST]=Auto Calibration				

### 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.

PROGRAM MODE	1734	SENSOR & MOTOR	SALE MODE	SAVE	PREV.
Active peel-off :		N			
Active rewind motor :		N			
Label Paper (0:NoGap, 1:Gap) :		0			

### 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.

PROGRAM MODE	1735	PRINT INTENSITY	SALE MODE	SAVE	PREV.
Printer Intensity (0-20) :		10			
[TEST]=Test Intensity					

### 2.13.3.6 Adjust Feed Length (Menu code 1736)

( MENU → 7. Print → 3. Printer Hardware → 6. Adjust 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.

PROGRAM MODE	1736	ADJUST FEED LENGTH	SALE MODE	SAVE	PREV.
Feed Adjustment (+200~-200)	+ 0				
[TEST]=test, [ZERO]=+ or -					

### 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”. Press “TEST” to test preprinting.

After setting all of above H/W setting submenus use “ESC” key to go back to PRINT main menu

PROGRAM MODE	1737	LABEL PRE-PRINT	SALE MODE	SAVE	PREV.
Pre-print Mode (Y/N) :	N				
Pre-print Length (0-10) :	10				

### 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.

Enter appropriate data in [ ].

%	#	B	B	B	B	PRINT			
%	R	%	C	%	T	A	A	A	PRINT

EX) #0001 on label

EX) RCT#001 on ticket

PROGRAM MODE	1740	SERIAL NUMBER FORMAT	SALE MODE	SAVE	PREV.
Label Serial No. :	R#BBBB				
Ticket Serial No. :	RRC#TAAA				

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)

### 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.

- Press “0” for “No” or “1” for “Yes” in [ ].

EX) Print Total Label?? - Yes  
Print Item Label?? - No

1	PRINT	0
---	-------	---

PROGRAM MODE	1750	ADDUP TOTAL	SALE MODE	SAVE	PREV.
Prt. Total Label	:	Y			
Prt. Item Label	:	N			

- Press “PRINT” key to save and go back to PRINT main menu

► 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.

### 2.13.6.1 Select Ticket Item (Menu code 1761)

( MENU → 7. Print → 6. Ticket → 1. Select Ticket Item )

Select “Yes” or “No” for “Print List”, “Print Total Barcode”, “Print Total Label”, “Print Duplicate Ticket”, and “Print List duplicate ticket”.

1 PRINT 1 PRINT 1 PRINT

PROGRAM MODE	1761	SELECT TICKET ITEM	SALE MODE	SAVE	PREV.
Prt. List	:	Y			
Prt. Total Barcode	:	Y			
Prt. Total Label	:	Y			



## 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

1 PRINT 1 PRINT 1 PRINT

ITEM menu.

Select "Yes" or "No" for "Print Store Name", "Print Clerk Name", "Print Item Barcode", "Tax Information", and "Print Traceability".

1 PRINT 1 PRINT 2 PRINT 3 PRINT

- ② And, select appropriate ID # for "Ticket Head Form" and "Ticket Tail Form".

PROGRAM MODE	1762	SELECT LIST ITEM	SALE MODE	SAVE	PREV.
Prt. Tax Information :		Y			
Prt. Traceability :		Y			
Ticket Head Form No. :		2			

PROGRAM MODE	1762	SELECT LIST ITEM	SALE MODE	SAVE	PREV.
Ticket Tail Form No. :		3			
Ticket Head Msg :					
Ticket Tail Msg :					

### ► 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.
	Ticket Head Msg :	■ Printing message for ticket head.
Ticket Tail Msg :	■ Printing message 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

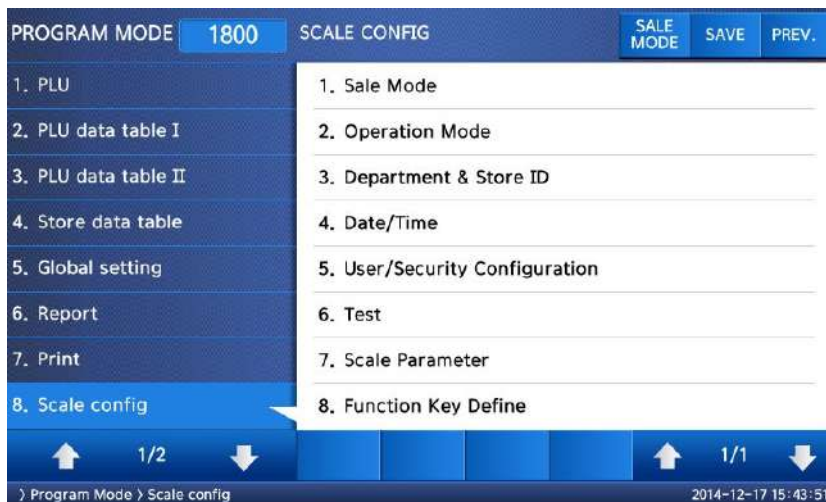
It can designate from 0 to 3.

※ 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.



### 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)

- 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

PROGRAM MODE	1810	SALE MODE	SALE MODE	SAVE	PREV.
Select Sale Mode:	2				
	REG:Label				

### 2. Select "Floating & Ticket" mode

1 PRINT

EX) Sale mode = 1.REG: Ticket & Floating

PROGRAM MODE	1810	SALE MODE	SALE MODE	SAVE	PREV.
Select Sale Mode:	1				
	REG:Ticket & Floating				

## 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

EX) Operation mode=Registration

1 PRINT

PROGRAM MODE	1820	OPERATION MODE	SALE MODE	SAVE	PREV.
Select clerk sale mode :	2	Standard Clerk			
Select oper mode :	1	Regist			

#### ► 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".

2 PRINT

EX) DEPARTMENT No.= 2 (Grocery)  
Store No.= 1 (Branch #1)

1 PRINT

PROGRAM MODE	1830	DEPARTMENT & STORE ID	SALE MODE	SAVE	PREV.
Department No.	2	GROCERY			
Store No. :	1	CAS STORE			

### 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= [17.12.14]  
TIME= [15:47:21]  
Month Format= [0]

PROGRAM MODE	1840	DATE/TIME	SALE MODE	SAVE	PREV.
Date :	17.12.14				
Time :	15:47:21				
Month Format (1=DEC,0=12) :	0				

#### 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 = [-]

PROGRAM MODE	1840	DATE/TIME	SALE MODE	SAVE	PREV.
Year Format (0=2001, 1=01) :	1				
Time Format (0=24, 1=12) :	1				
Date Separator :	-				

### 3. Set separators for “TIME”, using ASCII code table on page

EX) Time Separator = [:]

☞ Please refer to “ASCII Code Table” (chapter 4.4) to input special characters in Date or Time separator.

PROGRAM MODE	1840	DATE/TIME	SALE MODE	SAVE	PREV.
Time Separator :	:				

4. Press “PRINT” key to save it and go out to SCALE CONFIGURATION main menu.

## 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],



PROGRAM MODE	1851	NEW/EDIT USER	SALE MODE	SAVE	PREV.
Clerk No. :	2				
Clerk Name:	CHRISTOPHER				
Nickname :	CHRIS_				

CLERK PASSWORD =[0115],  
 CLERK LEVEL =[3],  
 USE FOR TRAINING = [N]

PROGRAM MODE	1851	NEW/EDIT USER	SALE MODE	SAVE	PREV.
Clerk Password:	0115				
Clerk Level :	3				
Use for Training :	N				

Note: If you use floating mode, you have to register all clerks.

► 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
6	Use for Training	Training account

**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. 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

#### 2. New Password

- Enter new password

EX) CLERK ID =11, PASSWORD = 22

PROGRAM MODE	1852	CHANGE PASSWORD	SALE MODE	SAVE	PREV.
Clerk No. :	11	CLERK			
New Password	22				

### 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

1 PRINT

1 0 PRINT

EX) 1~10

PROGRAM MODE	1853	LIST USER	SALE MODE	SAVE	PREV.
- Start Number :	1				
- End Number :	10				
List All - press [SAVE] key					

no	Level	Name	SALE MODE	SAVE	PREV.
1	3	CLERK			
2	3	CHRISTOPHER			

2014-12-17 16:23:25

### 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

PROGRAM MODE	1854	DELETE USER	SALE MODE	SAVE	PREV.
Clerk No. :	2	CHRISTOPHER			

### 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 **PAGE UP** and **PAGE 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

#### 2. Enter Clerk No.

EX) Clerk = 2. CHRISTOPHER

PROGRAM MODE	1856	CLERK KEY	SALE MODE	SAVE	PREV.
Clerk Key :		2			
Clerk No. :		2			CHRISTOPHER

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 (CHRISTOPHER) 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.



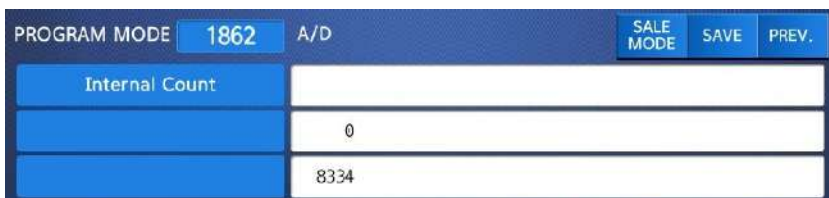
### 2.14.6.1 Display Test (Menu code 1861)

( MENU → 8. SCALE CONFIG → 6. Test → 1. Display )

It automatically start to test display. You can exit from testing, by pressing “PREV.” key.

### 2.14.6.2 A/D Test (Menu code 1862)

( MENU → 8. SCALE CONFIG → 6. Test → 2. A/D )



To set zero press “ZERO”  
User may exit from this menu, using “ESC” key

### 2.14.6.3 Keyboard Test (Menu code 1863)

( MENU → 8. SCALE CONFIG → 6. Test → 3. Keyboard )



Display will show grid point Press any key to test key pad.  
To exit keyboard test, press “ESC” two times.

PROGRAM MODE	1863	KEYBOARD	SALE MODE	SAVE	PREV.
Raw Code: [0017]					

#### 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.

PROGRAM MODE	1864	CHESS PRINT	SALE MODE	SAVE	PREV.
[TEST]=Print Test					
[ESC]=Escape					

### 2.14.6.5 Printer Sensor Test (Menu code 1865)

( MENU → 8. SCALE CONFIG → 6. Test → 5. Printer Sensor )

PROGRAM MODE	1865	PRINTER SENSOR	SALE MODE	SAVE	PREV.
Peel-off :	UNLOCK				
Head-up :	CLOSE				

PROGRAM MODE	1865	PRINTER SENSOR	SALE MODE	SAVE	PREV.
Gap :	175				
Peel:	44				

#### ► 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 )

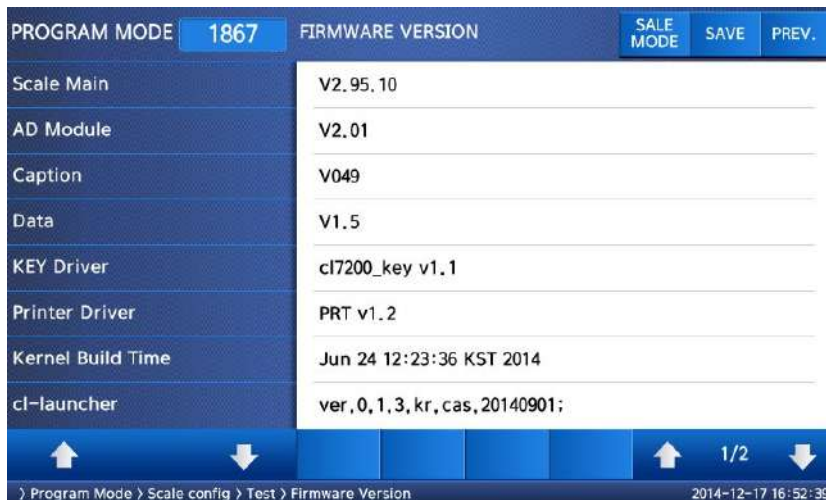
The display shows current memory size.  
You can exit from this menu, by pressing “ESC” key.

PROGRAM MODE	1866	MEMORY INFORMATION	SALE MODE	SAVE	PREV.
Chip Status :	No errors				
Total Flash Size(MB) :	Size:1.7G, Used:590.9M		Available:1.0G		

### 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.



### 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 message is showed up or not when PLU is called.
	Label prt w.o rewind(x Key)	152 Y/N	Do not use rewind function when you use "X" key.
		0:Print automatically	



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 **PAGE UP** and **PAGE 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.

## 2.14.8 Function Key Define (Menu code 1880)

( MENU → 8. Scale → 8. function Key Define )

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.

### 1. Enter key code

Pole type : 72 Speed Keys

Standard type : 48 Speed Keys.

Double body type : 72 Speed Keys

### 2. Enter function key

EX1) Use 12 Function key (Display Reset) Refer to below table.

PROGRAM MODE	1880	FUNCTION KEY DEFINE	SALE MODE	SAVE	PREV.
Key Code:	1				
Enter Function Key:	12	RESET			
Background Color :	1	White			

### 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.

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
141~145	[DISC 10% ~ 50%]	10%~50% discount key
148~154	[PAY 1~7]	1~7 Pay key
155	[RETURN]	Return key
157~168	LABEL(9~20)	Label Change Key
169	[AUTO]	Auto, pre-pack key
170	[DATE/TIME]	Change display content of DATE/TIME area
171	[GLOBAL_TAX]	Apply Global TAX on current PLU temporary



172	[GLOBAL_LABEL]	Apply Global Label and Barcode(toggle)
173	[MULTI PRINT]	Print multiple label
181	[FEED]	Label feed key
182	[PREPACK]	Prepack key
183	[NETWEIGHT]	Prepack key
184	[ZERO]	Zero Setting
185	[TARE]	Tare Setting
186	[EDIT KEY]	Edit Speed Key Config
187	[SHIFT]	SHIFT Key
188	[CLEAR]	CLEAR Key
189	[PRINT]	PRINT Key
190	[PLU LIST]	show plu list and call if it is pressed.
191	[LOCK SCREEN]	lock/unlock touch screen
192	[ADD]	ADD 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.

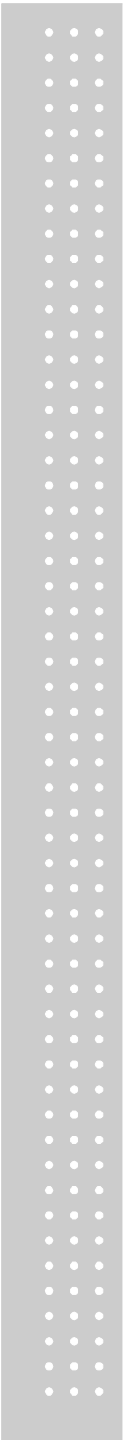
Remember that you can generate as many X reports as you would like because X mode does NOT clear any sales data.

### 2.15.2 Report Menu (Menu code 1600)

( MENU → 6. Report )



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.

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 )

PROGRAM MODE	1611	X1 SCALE SALES REPORT	SALE MODE	SAVE	PREV.
Count:	3				
Total:	\$ 3,74				
[TEST]=print					

To print this report, press “TEST” key.

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

XI 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	\$	5698.70
VOID COUNT		3
VOID PRICE	\$	27.90
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
-----		
=====		

## 2.15.5 X1/X2 PLU Report (Menu code 1612/1632)

( MENU → 6. Report → 1. X1 Report /3. X2 Report → 2. PLU Report )

Enter PLU range to check.

1	PRINT	1	0
---	-------	---	---

EX) dept 1, PLU 1 ~ 10

PLU sales report is shown on the display by pressing "PRINT" key.

PRINT

PROGRAM MODE	1612	X1 PLU SALES REPORT	SALE MODE	SAVE	PREV.
Department No.	1				
Start PLU No :	1				
End PLU No :	10				

PROGRAM MODE	1612	X1 PLU SALES REPORT	SALE MODE	SAVE	PREV.
Count:	3				
Total:	\$ 3,74				
[TEST]=print	10				

To print report, press "TEST" key.

\* 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: 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
...
-----
=====
```

## 2.15.6 X1/X2 Miscellaneous PLU Report (Menu code 1613/1633)

( MENU → 6. Report → 1. X1 Report /3. Report → 3. MISC. PLU )

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
---	-------	---

<b>PROGRAM MODE</b>	<b>1613</b>	<b>X1 MISC. SALES REPORT</b>	<b>SALE MODE</b>	<b>SAVE</b>	<b>PREV.</b>
<b>Start PLU No :</b>	0				
<b>End PLU No :</b>	2				

Sales report is shown on the display by pressing "PRINT" key.

PRINT
-------

<b>PROGRAM MODE</b>	<b>1613</b>	<b>X1 MISC. SALES REPORT</b>	<b>SALE MODE</b>	<b>SAVE</b>	<b>PREV.</b>
<b>Count:</b>	0				
<b>Total:</b>	\$ 0.00				
<b>[TEST]=print</b>					

To print report, press "TEST" key.

\* 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 )

Enter group range to check  
If you do not set group in PLU setting, it is  
1 : Miscellaneous by-count



Ex) Group 1 ~ Group 23

PROGRAM MODE	1614	X1 GROUP SALES REPORT	SALE MODE	SAVE	PREV.
Start PLU No :	1				
End PLU No :	23				

You can see group sales data by pressing  
“PRINT” key.



PROGRAM MODE	1614	X1 GROUP SALES REPORT	SALE MODE	SAVE	PREV.
Count:	3				
Total:	\$ 3.74				
[TEST]=print					

To print report, press the “TEST” key.

\* 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.

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 )

Enter department range to check.

1	PRINT	1	0
---	-------	---	---

EX) dept 1 ~ dept 10

PROGRAM MODE	1615	X1 DEPT SALES REPORT	SALE MODE	SAVE	PREV.
Start PLU No :	1				
End PLU No :	10				

You can see department sales data by pressing "PRINT" key.

PRINT

To print report, press the "TEST" key.

PROGRAM MODE		1615	X1 DEPT SALES REPORT		SALE MODE	SAVE	PREV.
Count:	3						
Total:	\$ 3,74						
[TEST]=print							

\* 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.

\* To exit this menu, press “ESC” key.

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          $5998,70
PREPACK COUNT         1
PREPACK PRICE        $ 3,05
RETURN COUNT          0
RETURN PRICE         $ 0,00
-----
DEPT #02 MEET
-----
TOTAL COUNT          274
TOTAL PRICE          $5998,70
PREPACK COUNT         1
PREPACK PRICE        $ 3,05
RETURN COUNT          0
RETURN PRICE         $ 0,00
-----
DEPT #03 FISH
-----
TOTAL COUNT          274
TOTAL PRICE          $5998,70
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 )

Enter time to check.

EX) AM 9 hour ~ PM 2 hour



PROGRAM MODE	1616	X1 HOURLY SALES REPORT	SALE MODE	SAVE	PREV.
No. from	9				
..to	14				

You can see hourly sales data by pressing “PRINT” key.

To print report, press “TEST” key.

\* 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.

\* To exit this menu, press “ESC” key

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) 08:33:14 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 )

Enter clerk range to check.

0	PRINT	9	9
---	-------	---	---

EX) clerk 0 ~ clerk 99

PROGRAM MODE	1617	X1 CLERK SALES REPORT	SALE MODE	SAVE	PREV.
No. from	0				
..to	99				

You can see hourly sales data by pressing “PRINT” key.



To print report, press “TEST” key.

\* 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.

\* To exit this menu, press “ESC” key

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

<b>XI SCALE REPORT</b>		
<b>XI CLERK REPORT</b>		
<b>AUG-23-04(MON) 09:46:36 AM</b>		
<b>Last Reset</b>		
<b>AUG-16-04(MON) 03:33:14 PM</b>		
<b>Start No:00, End No:99</b>		
=====		
<b>CLERK #00 MANAGER</b>		
-----		
TOTAL COUNT		287
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
<b>PAY SUMMARY</b>		
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
-----		
<b>CLERK #01 CLERK</b>		
-----		
TOTAL COUNT		287
TOTAL PRICE	\$	5693,70
	...	
-----		
<b>CLERK #02 AHN</b>		
-----		
TOTAL COUNT		287
TOTAL PRICE	\$	5693,70
	...	
-----		
=====		



## 2.15.11 Z1/Z2 Report (Menu code 1620/1640)

( MENU → 6. Report → 2. Z1 Report / 4. Z2 Report )

If you want to print and clear the data, press TEST key. The scale shows following screen.  
If the print mode(paper type) is different, following message is shown on the display.

PROGRAM MODE	1621	Z1 SCALE SALES REPORT	SALE MODE	SAVE	PREV.
Count:	3				
Total:	\$ 3.74				
[TEST]=print & clear					

To print and clear, press “1” key. The scale shows following screen.

1

		SALE MODE	SAVE	PREV.
Are you sure?(1=Y/0=N)				

When printing is done, Z1 data is cleared and exit this menu. Sales data is same with X1 report

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.

PROGRAM MODE	1650	CLEAR ALL	SALE MODE	SAVE	PREV.
Are you sure?(1=Y/0=N)					

To clear all report, press 1 key. If you do not want to clear, press 0 or ESC key.

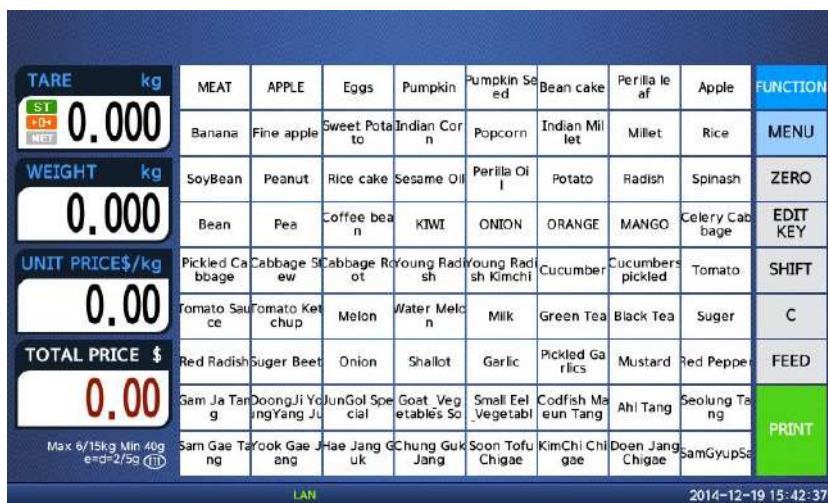
1

### 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 CL7200 series.

- Turn ON the scale. The first screen will be seen as below.



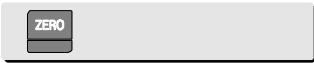
### 3.2 Zero

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 “▶0◀” 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.



② Press “ZERO” key to set initial zero.



### 3.3 Tare

You can enter tare weights as long as there are no PLUs or MISC PLUs called-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 Press FUNCTION key and Enter a tare weight manually by pressing the numeric keys EX) 150 g



The screenshot shows a scale's LCD display with the following sections:

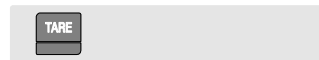
- TARE kg:** 0.000
- WEIGHT kg:** 0.000
- UNIT PRICE\$/kg:** 1.50
- TOTAL PRICE \$:** 0.00

Below the display, there is a function menu grid:

RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID
DISC (-)	7	8	9	PLU	ADD
WT/CT	4	5	6	X	PAY
MISC. WEIGHED	1	2	3	FEED	ST TTL
MISC. BY COUNT	00	0	C	PRINT	PRINT

At the bottom of the screen, it shows "LAN" on the left and "2014-12-24 10:27:35" on the right.

② Press "TARE" key.



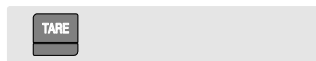


### 3.3.2 Weighed Tare Entry

- ① Place the empty container on the platter making sure that the weight is stable  
EX) 0.15 kg



② Press “TARE” key.



**TARE** kg

ST  
0.150  
MGT

**WEIGHT** kg

0.000

**UNIT PRICE** \$/kg

0.00

**TOTAL PRICE** \$

0.00

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

RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID
DISC (-)	7	8	9	PLU	ADD
WT/CT	4	5	6	X	PAY
MISC. WEIGHED	1	2	3	FEED	ST TTL
MISC. BY COUNT	00	0	C	PRINT	PRINT

**SPEED KEY**

SHIFT

C

FEED

PRINT

LAN

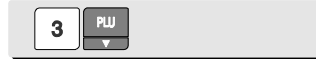
2014-12-24 11:03:52

### 3.3.3 How to Clear Tare

- ① Remove the item from the platter
- ② Press “TARE” key again.

### 3.3.4 Preset Tare

- ① Call up a PLU including tare(weight of container).  
EX) PLU #3 s tare =150 g



- 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



- ② Enter the weight of container using numeric keys.  
EX) 200 g



- 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



**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 2, and you programmed Speed key #2 to be PLU number 2, then you need to press the following key: Speed key #2.

**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 #2=Apple, Speed key #2

The screenshot shows a scale interface with the title "Apple". On the left, there are four stacked display boxes: "TARE kg" showing "0.000", "QTY" showing "1", "UNIT PRICE" showing "1.00", and "TOTAL PRICE \$" showing "1.00". Below these is a small note: "Max 6/15kg Min 40g e=d=2/5g".

The main area is a grid with columns for "Meat", "Apple", "Eggs", "Onion", "Orange", and "Mango". A hand icon is pointing to the "Apple" column. To the right of the grid is a vertical "FUNCTION" menu with buttons for "MENU", "ZERO", "EDIT SKEY", "SHIFT", "C", "FEED", and "PRINT".

At the bottom, there is a "LAN" indicator on the left and a timestamp "2014-12-24 11:22:11" on the right.

### 3.5 Override (FOR key)

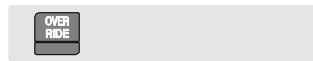
The OVERRIDE key is used to temporarily change the pricing of priced PLUs.

- ➔ 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 FUNCTION key and OVERRIDE key.



**Meat**

TARE kg  
0.000

WEIGHT kg  
0.000

UNIT PRICE\$/kg  
1.99

TOTAL PRICE \$  
0.00

Max 6/15kg Min 40g e=02/99

RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID
DISC (-)	7	8	9	PLU	ADD
WT/CT	4	5	6	X	PAY
MISC. WEIGHED	1	2	3	FEED	ST TTL
MISC. BY COUNT	00	0	C	PRINT	PRINT

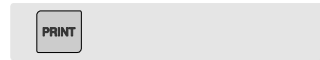
LAN R1 2014-12-24 11:39:13

- ② Enter new unit price.





- ③ Press PRINT key to print label.



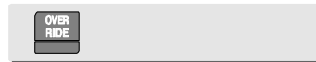
### 3.5.2 By-Count PLU

- PLU# 2.APPLE ( PLU Type : By count, Unit Price : 1.00\$).

① Press FUNCTION key and Enter QUANTITY.



② Press OVERRIDE key.

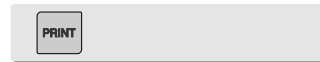


③ Enter new unit price.





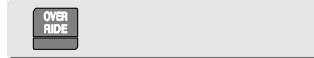
- ④ Press PRINT key to print label.



### 3.5.3 By-PCS PLU

- PLU# 3.Eggs ( PLU Type : By PCS, Pieces : 3, Unit Price : 30.00\$).

① Press FUNCTION key and Press OVERRIDE key



②. Enter new unit price.



**Eggs**

TARE kg  
ST 0.000  
P14  
NET

QTY-PCS  
3- 3

UNIT PRICE↓  
35.00

TOTAL PRICE \$  
35.00

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

RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID
DISC (-)	7	8	9	PLU	ADD
WT/CT	4	5	6	X	PAY
MISC. WEIGHED	1	2	3	FEED	ST TTL
MISC. BY COUNT	00	0	C	PRINT	PRINT

SPEED KEY

SHIFT

C

FEED

PRINT

LAN R3 2014-12-24 11:44:56

③ Press FOR key and enter QUANTITY





④ Press FOR key and enter PIECES



⑤ Press PRINT key to print label.



**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:

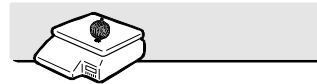
- PLU No : 4, PLU Name: ONION, PLU type : by weight, Unit Price : 1.50\$,
- Sales Weight =1.0kg

① Press Speed key to call up a PLU.



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.



Onion		Meat	Apple	Eggs	Onion					FUNCTION
TARE kg	0.000									MENU
WEIGHT kg	1.000									ZERO
UNIT PRICE\$/kg	1.50						Orange	Mango		EDIT SKEY
TOTAL PRICE \$	1.50									SHIFT
										C
										FEED
										PRINT

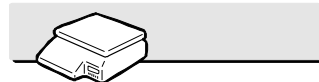
Max 6/15kg Min 40g e=0~2/5g

LAN 2014-12-24 11:49:01

③ Press “PRINT” key to print a label and complete current transaction. This transaction(s) is saved in the sales record.



④ Remove the item(s) from the platter.



\* 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.



User may call up a PLU by pressing speed key or numeric key. Please refer to chapter 3.4 for details.

② Press FUNCTION key and enter the number of pieces.  
 EX) 20 pieces.



**Mango**

TARE	kg	
ST	0.000	
QTY		20
UNIT PRICE\$		1.99
TOTAL PRICE \$		39.80

Max 6/15kg Min 40g e=d=2/9g

RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID
DISC (-)	7	8	9	PLU	ADD
WT/CT	4	5	6	X	PAY
MISC. WEIGHED	1	2	3	FEED	ST TTL
MISC. BY COUNT	00	0	C	PRINT	PRINT

LAN 2014-12-24 11:51:13

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.



**Orange**

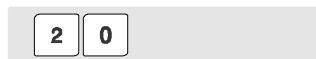
	Meat	Apple	Eggs	Onion				FUNCTION
<b>TARE</b> kg <span style="font-size: small;">ST</span> <span style="font-size: small;">+1H</span> <span style="font-size: small;">NET</span> <span style="font-size: large; font-weight: bold;">0.000</span>								MENU
<b>QTY-PCS</b> <span style="font-size: large; font-weight: bold;">5- 5</span>						Orange	Mango	ZERO
<b>UNIT PRICE</b> \$ <span style="font-size: large; font-weight: bold;">1.99</span>								EDIT SKEY
<b>TOTAL PRICE</b> \$ <span style="font-size: large; font-weight: bold; color: red;">1.99</span>								SHIFT
<span style="font-size: x-small;">Max 6/15kg Min 40g</span> <span style="font-size: x-small;">e=d=2/5g</span>								C
								FEED
								PRINT

LAN

2014-12-24 12:12:53

User may call up a PLU by pressing speed key or numeric key. Please refer to page 143 for details.

② Press FUNCTION key and enter QUANTITY [the number of Pieces].  
EX) 20 pieces.





- 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:

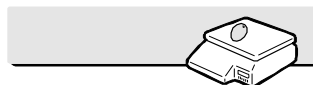
- PLU# 28= KIWI (By-Weight PLU), Unit price=20.00

- 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.

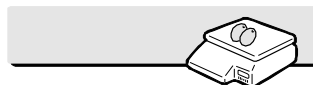


② Place an item on the platter. In this case, discount is not available because the weight of this item (0.490 kg) is lower than 1st target(0.500 kg).



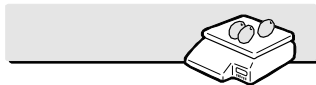
Kiwi		DC 9.80-0.00							FUNCTION
TARE	kg	Meat	Apple	Eggs	Onion				
0.000									MENU
WEIGHT	kg								ZERO
0.490					Kiwi	Orange	Mango		EDIT SKEY
UNIT PRICE	\$/kg								SHIFT
20.00									C
TOTAL PRICE	\$								FEED
9.80									PRINT
Max 6/15kg Min 40g e=d=2/5g									
DISC		LAN				2014-12-24 12:34:21			

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.



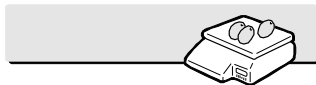
Kiwi		DC 10.52-0.26							
TARE kg	0.000	Meat	Apple	Eggs	Onion				FUNCTION
WEIGHT kg	0.526								MENU
UNIT PRICE\$/kg	19.50				Kiwi	Orange	Mango		ZERO
TOTAL PRICE \$	10.26								EDIT SKEY
									SHIFT
									C
									FEED
									PRINT
Max 6/15kg Min 40g e=d=2/5g									
DISC LAN		2014-12-24 12:36:05							

- 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\$.



Kiwi		DC 21.52-1.08							
TARE kg	0.000	Meat	Apple	Eggs	Onion				FUNCTION
WEIGHT kg	1.076								MENU
UNIT PRICE\$/kg	19.00				Kiwi	Orange	Mango		ZERO
TOTAL PRICE \$	20.44								EDIT SKEY
									SHIFT
									C
									FEED
									PRINT
Max 6/15kg Min 40g e=d=2/5g									
DISC LAN		2014-12-24 12:37:13							

- ⑤ Press the PRINT key. Markdown(STRIKE)



THROUGH) is printed on label as figure.

- 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

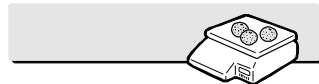
- 1st Target of Discount: “10 % off from unit price” for sales weight 0.500 kg.
- 2nd Target of Discount: “20 % off from unit price” for sales weight 1.000 kg.

① Call up a PLU.



\* 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 (0.490 kg) is lower than 1st target(0.500 kg).



Orange		DC 9.80-0.00							FUNCTION
TARE kg	0.000	Meat	Apple	Eggs	Onion				MENU
WEIGHT kg	0.490				Kiwi	Orange	Orange	Mango	EDIT SKEY
UNIT PRICE\$/kg	20.00								SHIFT
TOTAL PRICE \$	9.80								C
									FEED
									PRINT

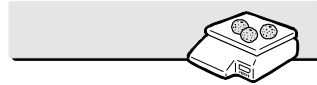
Max 6/15kg Min 40g e=d=2/5g

OSC LAN 2014-12-24 14:08:10



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)



Orange		DC 10.52-1.05							FUNCTION
TARE kg	Meat	Apple	Eggs	Onion					
ST ID NET <b>0.000</b>									MENU
WEIGHT kg									ZERO
<b>0.526</b>				Kiwi	Orange	Orange	Mango		EDIT SKEY
UNIT PRICE\$/kg									SHIFT
<b>18.00</b>									C
TOTAL PRICE \$									FEED
<b>9.47</b>									PRINT
Max 6/15kg Min 40g e=0.2/5g (11)									
DISC	LAN		2014-12-24 14:09:25						

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)





Orange DC 21.52-4.30

<b>TARE</b> kg S1 MET <b>0.000</b>	Meat	Apple	Eggs	Onion						<b>FUNCTION</b>
<b>WEIGHT</b> kg <b>1.076</b>										<b>MENU</b>
<b>UNIT PRICE</b> \$/kg <b>16.00</b>				Kiwi	Orange	Orange	Mango			<b>ZERO</b>
<b>TOTAL PRICE</b> \$ <b>17.22</b>										<b>EDIT SKEY</b>
Max 6/15kg Min 40g e=2/5g										<b>SHIFT</b>
										<b>C</b>
										<b>FEED</b>
										<b>PRINT</b>

DISC LAN 2014-12-24 14:10:09

- ⑤ Press the PRINT key. Markdown(STRIKE THROUGH) is printed on label as figure.



### 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.



Premium Mango

TARE	kg	Meat	Apple	Eggs	Onion					FUNCTION
ST PH MET	0.000									MENU
QTY-PCS	3-3									ZERO
UNIT PRICE↓	6.00					Kiwi	Orange	Premium Ma ngo	Mango	EDIT SKEY
TOTAL PRICE \$	6.00									SHIFT
										C
										FEED
										PRINT

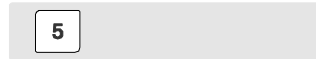
Max 6/15kg Min 40g e=d=2/5g

LAN P#000030 2014-12-24 15:13:59

② Press FUNCTION key and enter quantity.

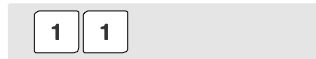
In this case, 5 is greater than

1st Target (5), unit price(0.20\$) is discounted.





- ③ Enter quantity. In this case, 11 is greater than 2nd Target (10), unit price(0.50\$) is discounted.



- ④ Press the PRINT key. Markdown(STRIKE THROUGH) is printed on label as figure.



**Note:** - You can set four markdown information in menu 1720 of program mode.(See chapter 2.13.3)



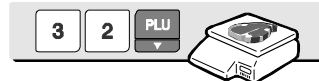
### 3.8 Add-Up Transaction

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.



**Sirloin**

<b>TARE</b> kg	Meat	Apple	Eggs	Onion						<b>FUNCTION</b>
ST +0+ NET <b>0.000</b>										<b>MENU</b>
<b>WEIGHT</b> kg										<b>ZERO</b>
<b>0.512</b>				Kiwi	Orange	Premium Ma ngo	Mango	Sirloin		<b>EDIT SKEY</b>
<b>UNIT PRICE</b> \$/kg			T-bone ste ak							<b>SHIFT</b>
<b>20.00</b>										<b>C</b>
<b>TOTAL PRICE</b> \$										<b>FEED</b>
<b>10.24</b>										<b>PRINT</b>
Max 6/15kg Min 40g e=d=2/5g										

LAN P#000032 2014-12-26 13:57:19

② Press FUNCTION key and press ADD key.

PLU is cleared automatically.

You will see the display as below. Remove item from the platter.

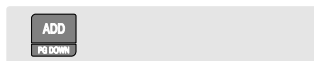




③ Call up a PLU. and place item on the platter



④ Press ADD key. PLU is cleared automatically.

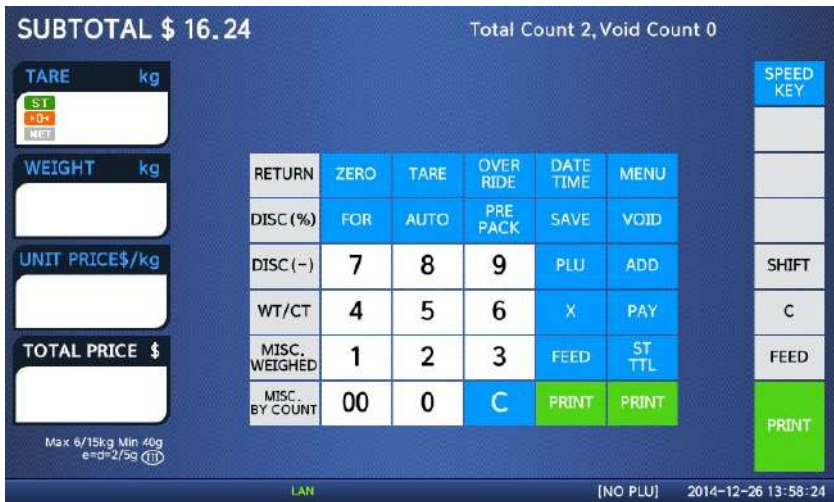




You will see the display as below.



- 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.



⑥ To complete the sale, press the PRINT key.

(To repeat the ADD-UP process, press the ESC key.)

**Total \$ 16.24**

TARE kg						SPEED KEY
ST						
WEIGHT kg						
UNIT PRICE\$/kg						
TOTAL PRICE \$						
Max 6/15kg Min 40g e=d*2/5g	RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
	DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID
	DISC (-)	7	8	9	PLU	ADD
	WT/CT	4	5	6	X	PAY
	MISC. WEIGHED	1	2	3	FEED	ST TTL
	MISC BY COUNT	00	0	C	PRINT	PRINT
						PRINT

LAN [NO PLU] 2014-12-26 13:58:30

**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.



## 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=Meat, Unit Price 1.99, Weight, 1.0 kg

PLU#2=Apple, Unit Price 1.00, by count

① Call up a PLU.



Meat		Meat	Apple	Eggs	Onion						FUNCTION
TARE kg	0.000										MENU
WEIGHT kg	1.000										ZERO
UNIT PRICE\$/kg	1.99					Kiwi	Orange	Premium Mango	Mango	Sirloin	EDIT SKEY
TOTAL PRICE \$	1.99			T-bone steak							SHIFT
Max 6/15kg Min 40g e=0.2/9g											C
CLERK1											FEED
											PRINT

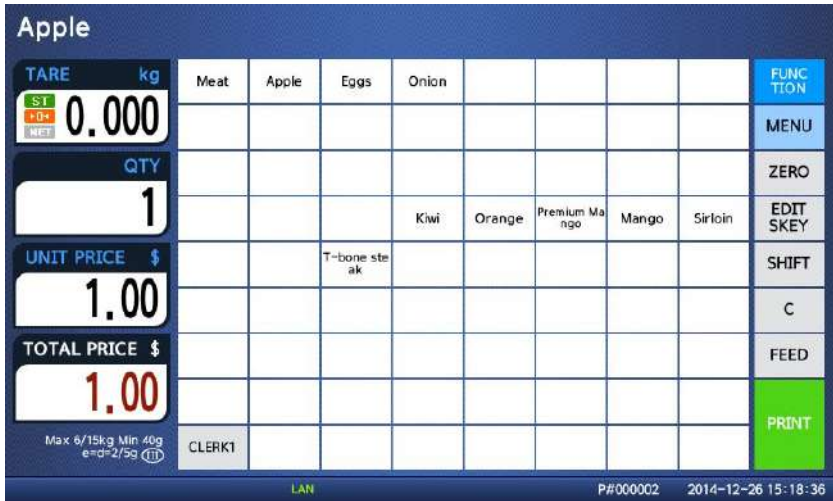
LAN P#000001 2014-12-26 15:17:53

② Place an item and press V1 key. You will get a label automatically.

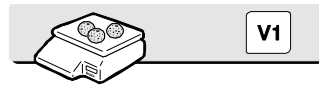


③ Call up a PLU.





- ④ Place an item and press V1 key. You will get a label automatically.



- ⑤ Press the PRINT key to complete transaction. If you are in ADD-UP mode, you can have label for grand total price.



**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=Meat, Unit Price 1.99, Weight, 1.0 kg  
 PLU#2=Apple, Unit Price 1.00, by count

- ① Call up a PLU.





② Place an item on the platter and press the CLERK1 key.  
This transaction is save to memory.

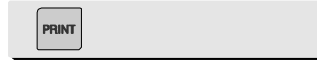
③ Call up a PLU #2.



④ Place an item on the platter and press the V1 key.

This transaction is saved to memory.

- ⑤ Press the PRINT key to complete transaction.  
 Grand total price label is printed and sales data is cleared in memory.



**Total \$ 1.42**

<b>TARE</b> kg	Meat	Apple	Eggs	Onion						<b>FUNCTION</b>
ST +D+ MET										<b>MENU</b>
<b>WEIGHT</b> kg										<b>ZERO</b>
				Kiwi	Orange	Premium Ma ngo	Mango	Sirloin		<b>EDIT SKEY</b>
<b>UNIT PRICE</b> \$/kg			T-bone ste ak							<b>SHIFT</b>
										<b>C</b>
<b>TOTAL PRICE</b> \$										<b>FEED</b>
										<b>PRINT</b>
Max 6/15kg Min 40g e=d=2/5g	CLERK1									

CLERK

- 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

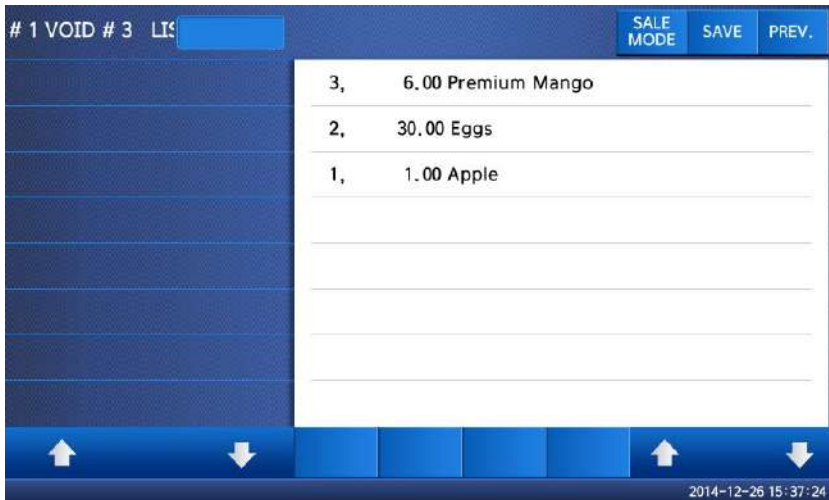
You can press the VOID key to undo transaction in add-up process or floating clerk operation.

Assumption)

You sold several items

◆ If there is no PLU or price is zero.

① Press the VOID key, you will see following screen.



② To void an apple, Press the apple

◆ If there is same PLU and same price to void

① Call item to void.

② Press VOID key then this sale is cleared.

Voiced \$ 30.00

TARE kg	RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU	SPEED KEY
ST +D+ MET	DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID	
QTY-PCS	DISC (-)	7	8	9	PLU	ADD	SHIFT
UNIT PRICE \$	WT/CT	4	5	6	X	PAY	C
TOTAL PRICE \$	MISC. WEIGHED	1	2	3	FEED	ST TTL	FEED
	MISC. BY COUNT	00	0	C	PRINT	PRINT	PRINT

Max 6/15kg Min 40g  
e=0.2/5g

CLERK

\* 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





③ Enter 6.00

Clerk(1): CLERK										SALE MODE	SAVE	PREV.	
SUBTOTAL		\$ 15.00											
Payment		5 Coupon											
Coupon		6.00											
A	B	C	D	E	F	G	H	SHIFT	ZERO	TARE		▲	PAGE UP
I	J	K	L	M	N	O	P	INSERT				◀	SAVE ▶
Q	R	S	T	U	V	W	X	DEL	7	8	9	▼	PAGE DOWN
Y	Z	\$	-	←	SPACE	SPACE	NEW LINE	CAPS	4	5	6	ESC	TEST
/	%	(	)	.	,	CHAR			1 YES	2	3	FEED	
À	É	Ì	Ñ	Ò	Û	Ü			00	0 NO	C	ENTER	ENTER

2014-12-26 16:32:52

④ Press PRINT key then you can select payment type again.

⑤ Select Payment type (0 cash) and press PRINT key.

Clerk(1): CLERK										SALE MODE	SAVE	PREV.	
SUBTOTAL		\$ 9.00											
Payment		0 Cash											
Cash		9.00											
A	B	C	D	E	F	G	H	SHIFT	ZERO	TARE		▲	PAGE UP
I	J	K	L	M	N	O	P	INSERT				◀	SAVE ▶
Q	R	S	T	U	V	W	X	DEL	7	8	9	▼	PAGE DOWN
Y	Z	\$	-	←	SPACE	SPACE	NEW LINE	CAPS	4	5	6	ESC	TEST
/	%	(	)	.	,	CHAR			1 YES	2	3	FEED	
À	É	Ì	Ñ	Ò	Û	Ü			00	0 NO	C	ENTER	ENTER

2014-12-26 16:34:48

⑥ Enter 10.00.

Clerk(1): CLERK										SALE MODE	SAVE	PREV.	
SUBTOTAL		\$ 9.00											
Payment		0 Cash											
Cash		10.00											
A	B	C	D	E	F	G	H	SHIFT	ZERO	TARE		▲	PAGE UP
I	J	K	L	M	N	O	P	INSERT			◀	SAVE	▶
Q	R	S	T	U	V	W	X	DEL	7	8	9	▼	PAGE DOWN
Y	Z	\$	-	←	SPACE	SPACE	NEW LINE	CAPS	4	5	6	ESC	TEST
/	%	(	)	.	,	CHAR			1 YES	2	3	FEED	
À	É	Ì	Ñ	Ó	Ü	Û			00	0 NO	C	ENTER	ENTER
2014-12-26 17:25:20													

⑦ Press PRINT key. The label is issued.

\* Total price, receive and change is printed.

Clerk(1): CLERK										SALE MODE	SAVE	PREV.	
SUBTOTAL		\$ 9.00											
RECEIVE		\$ 16.00											
CHANGE		\$ 1.00											
A	B	C	D	E	F	G	H	SHIFT	ZERO	TARE		▲	PAGE UP
I	J	K	L	M	N	O	P	INSERT			◀	SAVE	▶
Q	R	S	T	U	V	W	X	DEL	7	8	9	▼	PAGE DOWN
Y	Z	\$	-	←	SPACE	SPACE	NEW LINE	CAPS	4	5	6	ESC	TEST
/	%	(	)	.	,	CHAR			1 YES	2	3	FEED	
À	É	Ì	Ñ	Ó	Ü	Û			00	0 NO	C	ENTER	ENTER
2014-12-26 17:25:26													

**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 FUNCTION key and press PREPACK key and call up a PLU



\* 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.



③ Label is issued automatically.



④ Remove the item(s) from the platter.



**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.),. If you set scale to floating clerk mode, it will not work.

EXAMPLE:

Speed key #4= “Onion” preset key, Unit price=1.50, Sales Weight=1.0kg,

① Call up a PLU

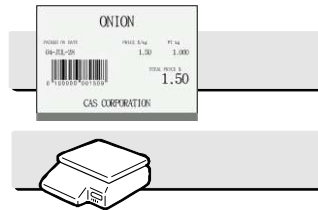
\* You can call up a PLU by pressing speed key key or numeric key. Please refer to chapter 3.4 for details.

② Place the item(s) on the platter.



Onion										
TARE kg	Meat	Apple	Eggs	Onion						FUNCTION
ST TARE MET 0.000										MENU
WEIGHT kg										ZERO
1.000					Kiwi	Orange	Premium Ma ngo	Mango	Sirloin	EDIT SKEY
UNIT PRICE\$/kg			T-bone ste ak							SHIFT
1.50										C
TOTAL PRICE \$										FEED
1.50										PRINT
Max 6/15kg Min 40g e=d=2/5g	CLERK1									
LAN										[NO CLK] 2014-12-29 11:04:42

③ Press “FUNCTION”key, “X” key and Type the number of labels you require and press the PRINT key.



④ Remove the item(s) from the platter.

**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



A rectangular button with the text "ONION" inside, representing the key used to call up a PLU.


② Press EDIT SELL key to enter both of effective date and time.



A rectangular button with the text "EDIT SELL" inside, representing the key used to enter effective date and time.

PROGRAM MODE	CHANGE SELL DATE	SALE MODE	SAVE	PREV.
Sell By Date	0			
Sell By Time	0			

③ Press PRINT key to complete saving.



A rectangular button with the text "PRINT" inside, representing the key used to complete saving.

**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



② Press ORIGIN key to retrieve one of origin data saved.



PROGRAM MODE	CHANGE ORIGIN	SALE MODE	SAVE	PREV.
Origin No.	-	USA		

**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 “FUNCTION” key and Press “WT/CT” key to change PLU type from By-weight to By-count PLU or vice versa.



## Onion

**TARE** kg

ST  
+D+  
MET

0.000

**QTY**

1

**UNIT PRICE** \$

1.50

**TOTAL PRICE** \$

1.50

Max 6/15kg Min 40g  
e=0.2/3g (11)

RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID
DISC (-)	7	8	9	PLU	ADD
WT/CT	4	5	6	X	PAY
MISC. WEIGHED	1	2	3	FEED	ST TTL
MISC. BY COUNT	00	0	C	PRINT	PRINT

**SPEED KEY**

SHIFT

C

FEED

PRINT

LAN
[NO CLK]
2014-12-29 13:41:39

- ☞ 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.

## 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.



**Meat**

<b>TARE</b> kg	Meat	Apple	Eggs	Onion						<b>FUNCT</b>
ST +D+ NET <b>0.000</b>										<b>MENU</b>
<b>WEIGHT</b> kg										<b>ZERO</b>
<b>FP</b>				Kiwi	Orange	Premium Ma ngo	Mango	Sirloin		<b>EDIT</b>
<b>UNIT PRICE\$/kg</b>			T-bone ste ak							<b>SKEY</b>
										<b>SHIFT</b>
<b>TOTAL PRICE \$</b>										<b>C</b>
<b>1.99</b>										<b>FEED</b>
Max 6/15kg Min 40g e=d=2/5g	EDIT SELL	EDIT ORIGI N	FIXED PRIC E							<b>PRINT</b>
	CLERK1									

LAN [NO CLK] 2014-12-29 13:49:14

② Press “FUNCTION”key and press “Override Key”



③ Type fixed price 2.00 than press PRINT key



**Meat**

TARE kg  
 ST  
 NET 0.000

WEIGHT kg  
 FP

UNIT PRICE\$/kg

TOTAL PRICE \$  
 2.00

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

RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID
DISC (-)	7	8	9	PLU	ADD
WT/CT	4	5	6	X	PAY
MISC. WEIGHED	1	2	3	FEED	ST TTL
MISC. BY COUNT	00	0	C	PRINT	PRINT

SPEED KEY

SHIFT

C

FEED

PRINT

LAN RI [NO CLK] 2014-12-29 13:49:45

**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.Meat) and press “%Discount” key



Meat DISCOUNT (%) : \_

TARE kg	0.000						SPEED KEY
WEIGHT kg	0.000						
UNIT PRICE\$/kg	1.99						
TOTAL PRICE \$	0.00						
Max 6/15kg Min 40g e=d=2/5g		RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
		DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID
		DISC (-)	7	8	9	PLU	ADD
		WT/CT	4	5	6	X	PAY
		MISC. WEIGHED	1	2	3	FEED	ST TTL
		MISC. BY COUNT	00	0	C	PRINT	PRINT

LAN [NO CLK] 2014-12-29 14:06:08

- ② Enter % amount to discount and press PRINT key  
Ex) 20%



Meat DISCOUNT (%) : 20

TARE kg	0.000						SPEED KEY
WEIGHT kg	0.210						
UNIT PRICE\$/kg	1.59						
TOTAL PRICE \$	0.33						
Max 6/15kg Min 40g e=d=2/5g		RETURN	ZERO	TARE	OVER RIDE	DATE TIME	MENU
		DISC (%)	FOR	AUTO	PRE PACK	SAVE	VOID
		DISC (-)	7	8	9	PLU	ADD
		WT/CT	4	5	6	X	PAY
		MISC. WEIGHED	1	2	3	FEED	ST TTL
		MISC. BY COUNT	00	0	C	PRINT	PRINT

LAN [NO CLK] 2014-12-29 14:06:31

- ③ Place item on the platter and press PRINT key.



**Note:** - To use % DISCOUNT key, you have to set this key in menu 1880 of program mode. (See chapter 2.14.8)



## 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**

SWEETENED CONDENSED MILK <VERY SWEET and STICKY>			
Tare(kg): 0.100			
20.11.05	26.11.05	1.216	38.91
PACKED ON	SELL BY	WEIGHT	UNIT PRICE PRICE
CAS CORPORATION +82-31-820-1100 #19 Ganap-r'i Gwangjuk-myun			

**2**

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			
Tare(kg): 0.100			
20.11.05	26.11.05	1.216	38.91
PACKED ON	SELL BY	WEIGHT	UNIT PRICE PRICE
CAS CORPORATION +82-31-820-1100 #19 Ganap-r'i Gwangjuk-myun			

**3**

SWEETENED CONDENSED MILK			
Tare(kg): 0.100			
20.11.05	26.11.05	1.216	38.91
PACKED ON	SELL BY	WEIGHT	UNIT PRICE PRICE
CAS CORPORATION +82-31-820-1100 #19 Ganap-r'i Gwangjuk-myun			

**4**

SWEETENED CONDENSED MILK <VERY SWEET and STICKY>			
Whole milk that had 60% of the water remove and			
SELL BY	\$/kg	TOTAL PRICE(\$)	
26.11.05	32.00	38.91	
PACKED ON	NET WT./kg		
20.11.05	1.216		
Thank You CAS CORPORATION +82-31-820-1100 #19 Ganap-r'i Gwangjuk-myun			

**5**

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			
SELL BY	\$/kg	TOTAL PRICE(\$)	
26.11.05	32.00	38.91	
PACKED ON	NET WT./kg		
20.11.05	1.216		
Thank You CAS CORPORATION +82-31-820-1100 #19 Ganap-r'i Gwangjuk-myun			

**6**

SWEETENED CONDENSED MILK			
Whole milk that had 60% of the water remove and			
SELL BY	\$/kg	TOTAL PRICE(\$)	
26.11.05	32.00	38.91	
PACKED ON	NET WT./kg		
20.11.05	1.216		
Thank You CAS CORPORATION +82-31-820-1100 #19 Ganap-r'i Gwangjuk-myun			

**SWEETENED CONDENSED MILK**  
**<VERY SWEET and STICKY>**

UNIT PRICE \$/kg    WEIGHT kg  
 32.00    1.216

0 102007 038915  
 Tare(kg) : 0.100  
 20.11.05    26.11.05  
**38.91**

PACKED ON    SELL BY    TOTAL PRICE \$

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ri Gwangjuk-myun

7

**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

0 102008 038914  
 Tare(kg) : 0.100  
 20.11.05    26.11.05  
**38.91**

PACKED ON    SELL BY    TOTAL PRICE \$

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ri Gwangjuk-myun

8

**SWEETENED CONDENSED MILK**

UNIT PRICE \$/kg    WEIGHT kg  
 32.00    1.216

0 102009 038913  
 Tare(kg) : 0.100  
 20.11.05    26.11.05  
**38.91**

PACKED ON    SELL BY    TOTAL PRICE \$

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ri Gwangjuk-myun

9

**SWEETENED CONDENSED MILK**  
**<VERY SWEET and STICKY>**

PACKED ON    SELL BY    WEIGHT  
 20.11.05    26.11.05    1.216

10  
**38.91**

0 102010 038919  
 Tare(kg) : 0.100    UNIT PRICE    PRICE

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ri Gwangjuk-myun

10

**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  
**38.91**

0 102011 038918  
 Tare(kg) : 0.100    UNIT PRICE    PRICE

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ri Gwangjuk-myun

11

**SWEETENED CONDENSED MILK**

PACKED ON    SELL BY    WEIGHT  
 20.11.05    26.11.05    1.216

12  
**38.91**

0 102012 038917  
 Tare(kg) : 0.100    UNIT PRICE    PRICE

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ri Gwangjuk-myun

12

**SWEETENED CONDENSED**  
**<VERY SWEET and STICKY>**

PACKED ON    SELL BY  
 20.11.05    26.11.05

0 102013 038916  
 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

13

**SWEETENED CONDENSED**  
 Whole milk that had 60% of the water remove and sugar added. The amount of sugar added

PACKED ON    SELL BY  
 20.11.05    26.11.05

0 102014 038915  
 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

14

**SWEETENED CONDENSED**

PACKED ON 20.11.05  
SELL BY 26.11.05

0 102015 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

15

**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 26.11.05 PACKED ON 20.11.05 5kg 1.216 NET WT.kg 32.00

0 102016 038913

**TOTAL PRICE(\$)**  
38.91

**Thank You**  
**CAS CORPORATION**  
+82-31-820-1100  
#19 Ganap-ri Gwangjuk-myun

16

**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 26.11.05 PACKED ON 20.11.05 5kg 1.216 NET WT.kg 32.00

0 102017 038912

**TOTAL PRICE(\$)**  
38.91

**Thank You**  
**CAS CORPORATION**  
+82-31-820-1100  
#19 Ganap-ri Gwangjuk-myun

17

**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

0 102018 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

18

**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

0 102019 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

19

**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

0 102020 038916

1.216 32.00 38.91

NET WT. (kg) PRICE / kg (\$) TOTAL PRICE (\$)

**CAS CORPORATION**  
+82-31-820-1100  
#19 Ganap-ri Gwangjuk-myun

20

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 heated

PACKED ON 20.11.05 | SELL BY 26.11.05 | WEIGHT 1.216  
23

0 102022 038914

32.00 38.91

0.100 UNIT PRICE PRICE

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 heated

PACKED ON 20.11.05 | SELL BY 26.11.05 | WEIGHT 1.216  
23

0 102023 038913

32.00 38.91

0.100 UNIT PRICE PRICE

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 heated

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

### 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 heated.

PACKED ON 20.11.05  
SELL BY 26.11.05

0 102025 038911  
Tan (kg) : 0.100

1,216 32.00 38.91

NET WT. (kg) PRICE / kg TOTAL PRICE (S)

CAS CORPORATION  
+82-31-820-1100  
#19 Ganap-ri

25

### 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 heated.

PACKED ON 20.11.05  
SELL BY 26.11.05

0 102026 038910  
Tan (kg) : 0.100

1,216 32.00 38.91

NET WT. (kg) PRICE / kg TOTAL PRICE (S)

CAS CORPORATION  
+82-31-820-1100  
#19 Ganap-ri

26

### 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 50% 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 heated.

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 (S)

CAS CORPORATION  
+82-31-820-1100  
#19 Ganap-ri GwangJuk-myun

27

### 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 heated.

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 (S)

CAS CORPORATION  
+82-31-820-1100  
#19 Ganap-ri GwangJuk-myun

28

### TOTAL

20.11.05 16:49 TRANSACTION 5

0 100000 200984 TOTAL PRICE S 200.96

CAS CORPORATION  
+82-31-820-1100  
#19 Ganap-ri GwangJuk-myun

29

### 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 heated.

00124

PACKED ON 20.11.05 16:32  
SELL BY 26.11.05 16:32

0 102030 038913  
Tan (kg) : 0.100

1,216 32.00 38.91

NET WT. (kg) PRICE / kg TOTAL PRICE (S)

CAS CORPORATION  
+82-31-820-1100 #19 Ganap-ri GwangJuk-myun YangJi-gil

30



**SWEETENED CONDENSED MILK**  
 <VERY SWEET and STICKY>

UNIT PRICE		WEIGHT	
32.00		1.216	
31		38.91	
PACKED ON	SELL BY	TOTAL PRICE	
20.11.05 16:32	26.11.05 16:32	38.91	

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-r1 Gwangjuk-nyun

31

**SWEETENED CONDENSED MILK**  
 <VERY SWEET and STICKY>

UNIT PRICE		WEIGHT	
32.00		1.216	
32		38.91	
PACKED ON	SELL BY	TOTAL PRICE	
20.11.05 16:32	26.11.05 16:32	38.91	

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-r1 Gwangjuk-nyun

32

**SWEETENED CONDENSED MILK**  
 <VERY SWEET and STICKY>

UNIT PRICE		WEIGHT	
32.00		1.216	
33		38.91	
PACKED ON	SELL BY	TOTAL PRICE	
20.11.05 16:32	26.11.05 16:32	38.91	

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-r1 Gwangjuk-nyun

33

**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

UNIT PRICE		WEIGHT	
32.00		1.216	
34		38.91	
PACKED ON	SELL BY	TOTAL PRICE	
20.11.05 16:32	26.11.05 16:32	38.91	

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-r1 Gwangjuk-nyun

34

**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-r1 Gwangjuk-nyun

35

**SWEETENED CONDENSED MILK**  
 <VERY SWEET and STICKY>

PACKED ON	SELL BY	UNIT PRICE	WEIGHT
20.11.05	26.11.05	32.00	1.216
		16:32	36
		PRICE	
		38.91	

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-r1 Gwangjuk-nyun

36

**SWEETENED CONDENSED MILK**  
 <VERY SWEET and STICKY>

UNIT PRICE		WEIGHT	
32.00		1.216	
37		38.91	
PACKED ON	SELL BY	TOTAL PRICE	
20.11.05 16:32	26.11.05 16:32	38.91	

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-r1 Gwangjuk-nyun

37

**SWEETENED CONDENSED MILK**  
 <VERY SWEET and STICKY>

UNIT PRICE		WEIGHT	
32.00		1.216	
38		38.91	
PACKED ON	SELL BY	TOTAL PRICE	
20.11.05 16:32	26.11.05 16:32	38.91	

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-r1 Gwangjuk-nyun

38

**SWEETENED CONDENSED MILK**  
 <VERY SWEET and STICKY>

UNIT PRICE	WEIGHT
32.00	1.216

0 102039 038974 39

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | TOTAL PRICE

38.91

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ti Gwangjuk-nyun

39

**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

0 102040 038970 40

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | TOTAL PRICE

38.91

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ti Gwangjuk-nyun

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 sweetened condensed milks volume. It is very sweet and

UNIT PRICE	WEIGHT
32.00	1.216

0 102041 038979 41

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | TOTAL PRICE

38.91

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ti Gwangjuk-nyun

41

**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

0 102042 038978 42

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | TOTAL PRICE

38.91

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ti Gwangjuk-nyun

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

PACKED ON	SELL BY	UNIT PRICE	WEIGHT
20.11.05	26.11.05	32.00	1.216

0 102043 038977 43

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | UNIT PRICE | WEIGHT | PRICE

38.91

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ti Gwangjuk-nyun

43

**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

0 102044 038976 44

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | UNIT PRICE | WEIGHT | PRICE

38.91

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ti Gwangjuk-nyun

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. 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

0 102045 038975 45

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | UNIT PRICE | WEIGHT | PRICE

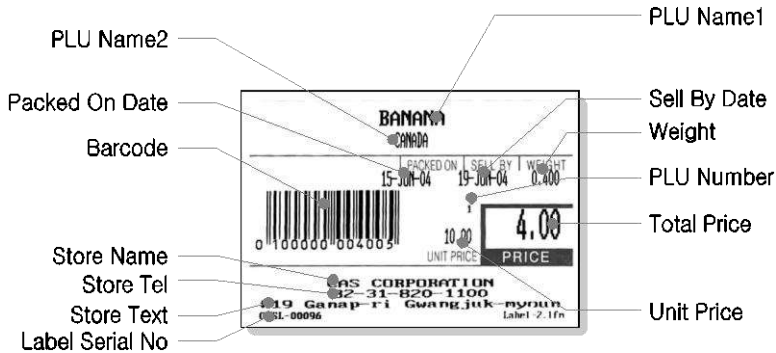
38.91

CAS CORPORATION  
 +82-31-820-1100  
 #19 Ganap-ti Gwangjuk-nyun

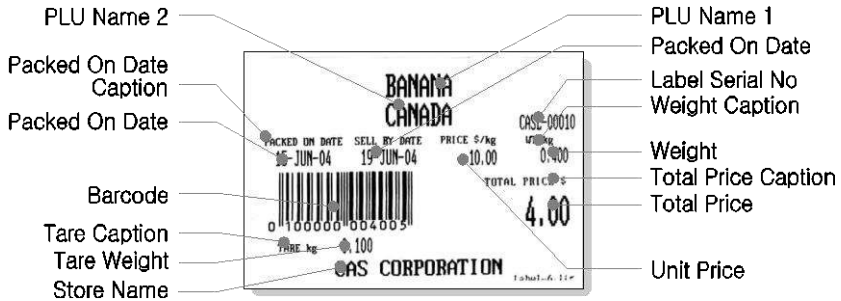
45

## 1.2 Label Format's field Sample

### ► (1) Label sample 1



### ► (2) Label sample 2





## 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	MUL 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	ETE 0017	CAN 0018	EM 0019	SUB 001A	ESC 001B	FS 001C	GS 001D	RS 001E	US 001F
20	SP 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	DEL 007F
80	€ 20AC		ƒ 201A	„ 0192	… 201E	† 2026	‡ 2020	~ 2021	‰ 02C6	Š 2030	‹ 0160	€ 2039	€ 0152		Ž 017D	
90		ˆ 2018	˜ 2019	“ 201C	” 201D	• 2022	— 2013	— 2014	ˆ 02DC	˜ 2122	ˆ 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	± 00E1	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, Libya, Algeria, Morocco, Tunisia, Oman, Yemen, Syria, Jordan, Lebanon, Kuwait, United Arab Emirates, Bahrain, Qatar, Farsi
1257	Baltic	Windows Baltic 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

# MEMO

# MEMO



# MEMO

# MEMO



# MEMO

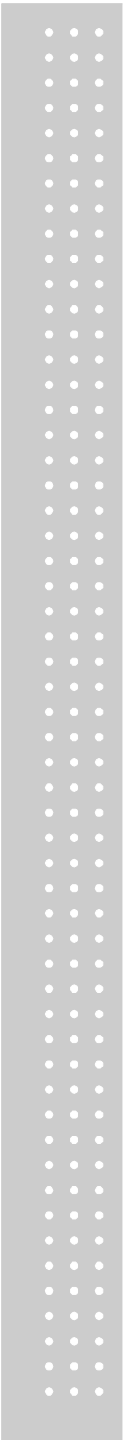
# MEMO



# MEMO

# MEMO





# CL7200 SERIES

Label Printing Scale



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