

Uni-9 Series

Program Manual



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NOTICES

IMPORTANT NOTICE

Those who handle the machine must be aware of the hazards involved. These dangers may not be obvious, so it is imperative to follow the instructions detailed in this manual when installing, operating, inspecting, or servicing the machine. Therefore, we recommend that you thoroughly read and understand this manual before installing, operating, inspecting, or servicing the machine. ISHIDA is not liable for any damage, loss or injury that results from incorrect operation, insufficient caution, unauthorized modifications to the machine, or failure to follow the instructions contained in this manual.

LIMITATIONS OF LIABILITY

ISHIDA assumes no responsibility for special, indirect, or consequential damages, loss of profits or commercial loss in any way connected with the machine, whether such claim is based on contract, warranty, negligence, or strict liability.

ISHIDA assumes no responsibility for the user's programming of this machine, or any consequence thereof.

In no event shall ISHIDA be responsible for warranty, repair, or other claims regarding the machine unless ISHIDA's analysis confirms that the machines were properly handled, stored, installed, and maintained and not subject to contamination, abuse, misuse, or inappropriate modification or repair.

CHANGE IN SPECIFICATIONS

Machine specifications and accessories may be changed at any time due to improvements or other reasons. Consult with your ISHIDA representative at any time to confirm the actual specifications of the purchased machine.





ERRORS AND OMISSIONS

The information in this manual has been carefully checked and is believed to be accurate; however, no responsibility is assumed for clerical, typographical or proofreading errors, or omissions.

PRECAUTIONS

PRECAUTION SYMBOLS

This machine is manufactured for use according to proper procedures by a qualified person and only for the purposes described in this manual. The following conventions are used to indicate and classify precautions depending on the level of danger, or seriousness of potential injury. Always heed the information provided in this manual. Failure to heed precautions can result in personal injury or property damage.

 WARNING	Indicates a potentially hazardous situation which, if not avoided, may result in serious injury or death. Additionally, there may be significant property damage.
 CAUTION	Indicates a potentially hazardous situation where, if not avoided, may result in minor or moderate injury or in property damage.
 INFOR	Indicates reference information for operation.
 REFER	Indicates the referred page for operation.

PRECAUTIONS FOR HANDLING

WARNING

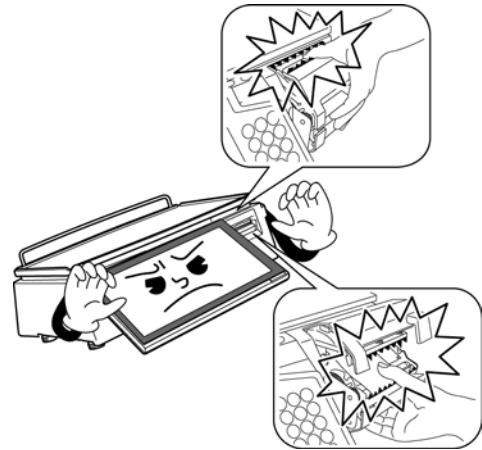
- **Do not allow water or any liquids to come into contact with the machine.**
Doing so may result in fire or cause the machine to break down.
- **Do not drop or apply a strong shock to the machine.**
Doing so may cause the machine to break down.
- **Do not disassemble, modify, or attempt to repair the machine.**
Doing so may damage the original safety functions.
- **Do not hold the connector cover when carrying the machine.**
Dropping the machine may result in injury or cause the machine to break down.
- **Do not hold the operation panel or weigh platter when carrying the machine.**
Doing so may cause the operation panel or the platter to break down.
- **Do not hold the customer display the when carrying the pole type machine.**
Dropping the machine may result in injury or cause the machine to break down.
- **Do not drop the cassette.**
Dropping the cassette may result in injury or cause the cassette to break down.



⚠ WARNING

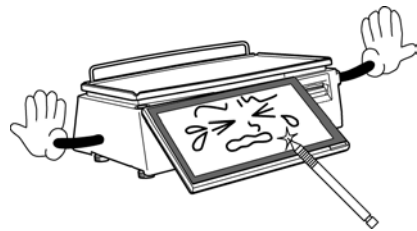
- **Handle with care when removing or inserting the cassette.**

Careless cassette handling may result in injury or cause the cassette to break down.



- **Do not press the touch panel with an edged thing.**

Doing so may scratch the panel and cause the machine to break down.



- **Do not dispose of batteries with normal household waste. Please obey your local regulations when disposing of used batteries.**



PRECAUTIONS WHEN USING CLEANING FLUIDS

CAUTION

Use a soft cloth and a neutral detergent to clean the machine.
Do not use thinner, benzene, etc. Doing so may damage the original safety functions.
For some parts, use cleaning fluid (isopropyl alcohol).



CAUTION

- Do not use cleaning fluid near fire as the fluid is flammable.
- Do not use cleaning fluid in a poorly ventilated area. Always provide adequate ventilation when cleaning.

Take the following actions in the event of an accident:

If the fluid gets in your eye

- Immediately wash your eye(s) with water for at least 15 minutes, and consult your doctor.
- If you wear contact lenses, remove and wash them.

If the fluid comes into contact with your skin

- Immediately rinse the area of contact with water, and then wash with soap.
- If you notice any skin abnormalities at the area of contact, or if any pain persists, consult your doctor.

If the fumes of the fluid are inhaled

- Immediately move the victim to an area where fresh air is available, and have the victim lie down and keep warm.
- If breathing becomes difficult or stops, provide artificial respiration and seek medical attention immediately.

If the fluid is swallowed

- Do not try to induce vomiting.
- Do not give the victim anything to drink, and do not rinse the mouth.
- If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration.
- Keep the victim warm and seek medical attention.

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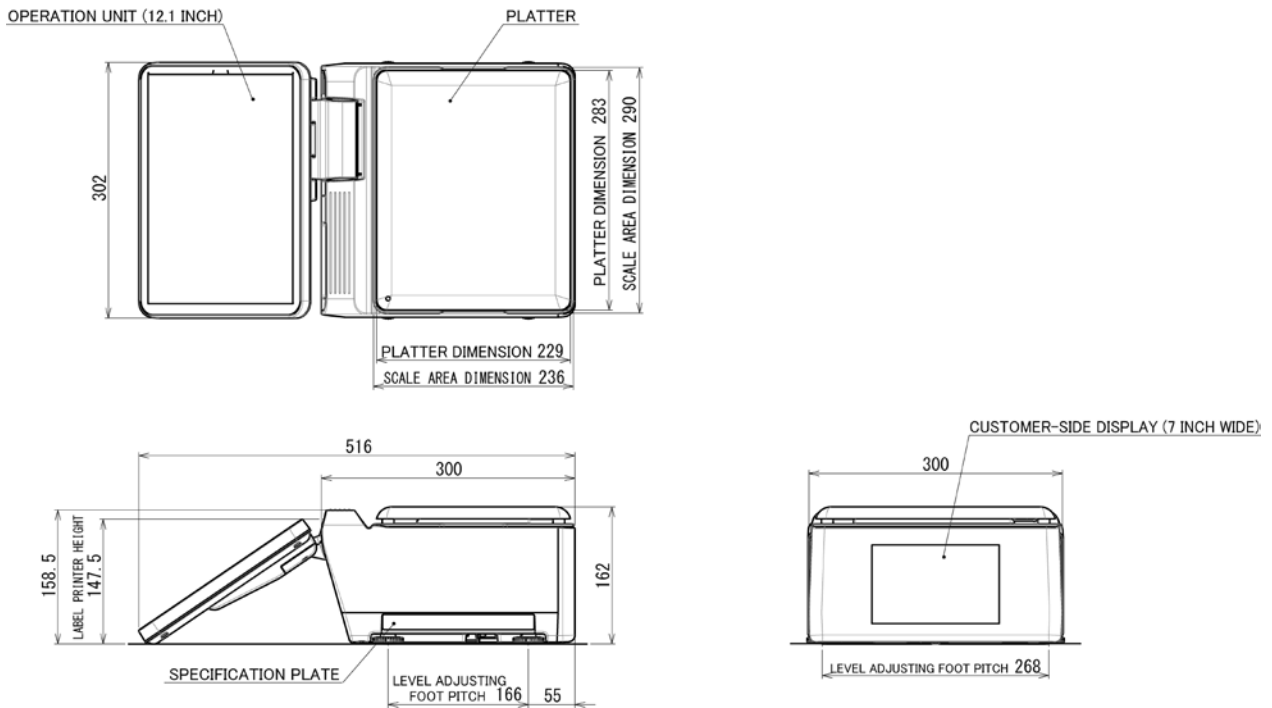
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BASIC INFORMATION

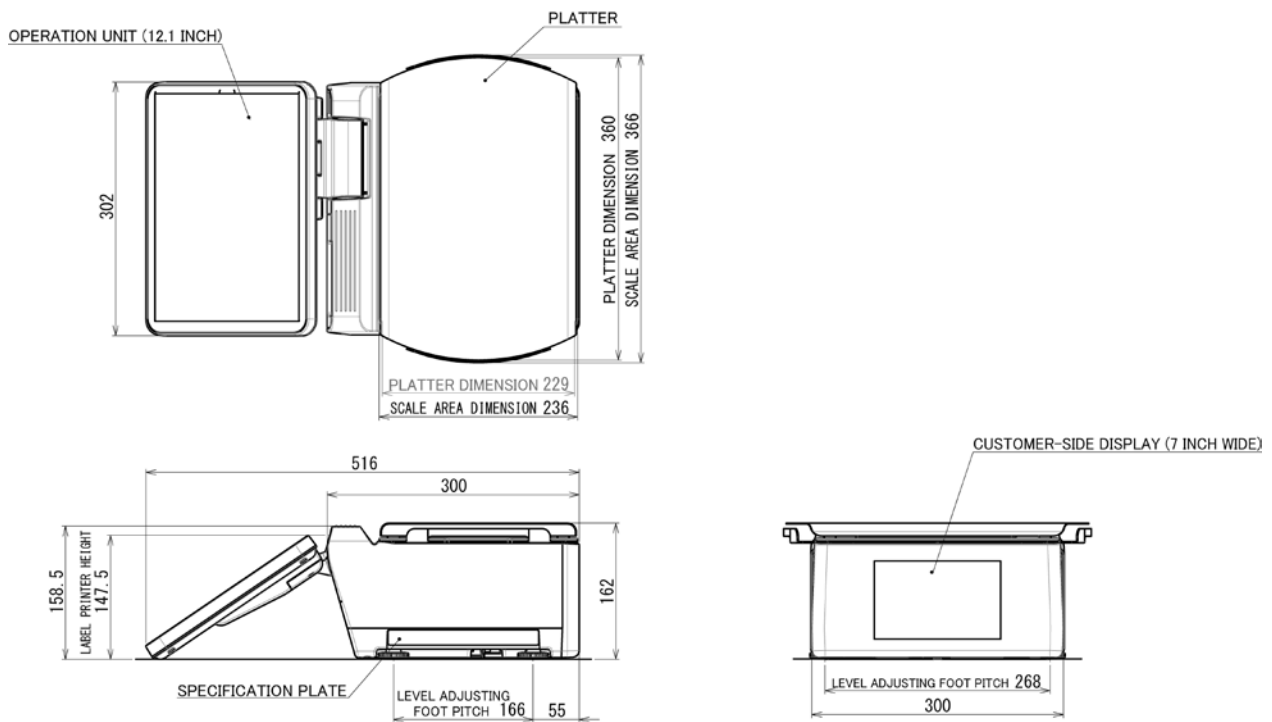
1.1 OUTER DIMENSIONS FOR EACH TYPE

1.1.1 OUTER DIMENSIONS FOR BENCH TYPE



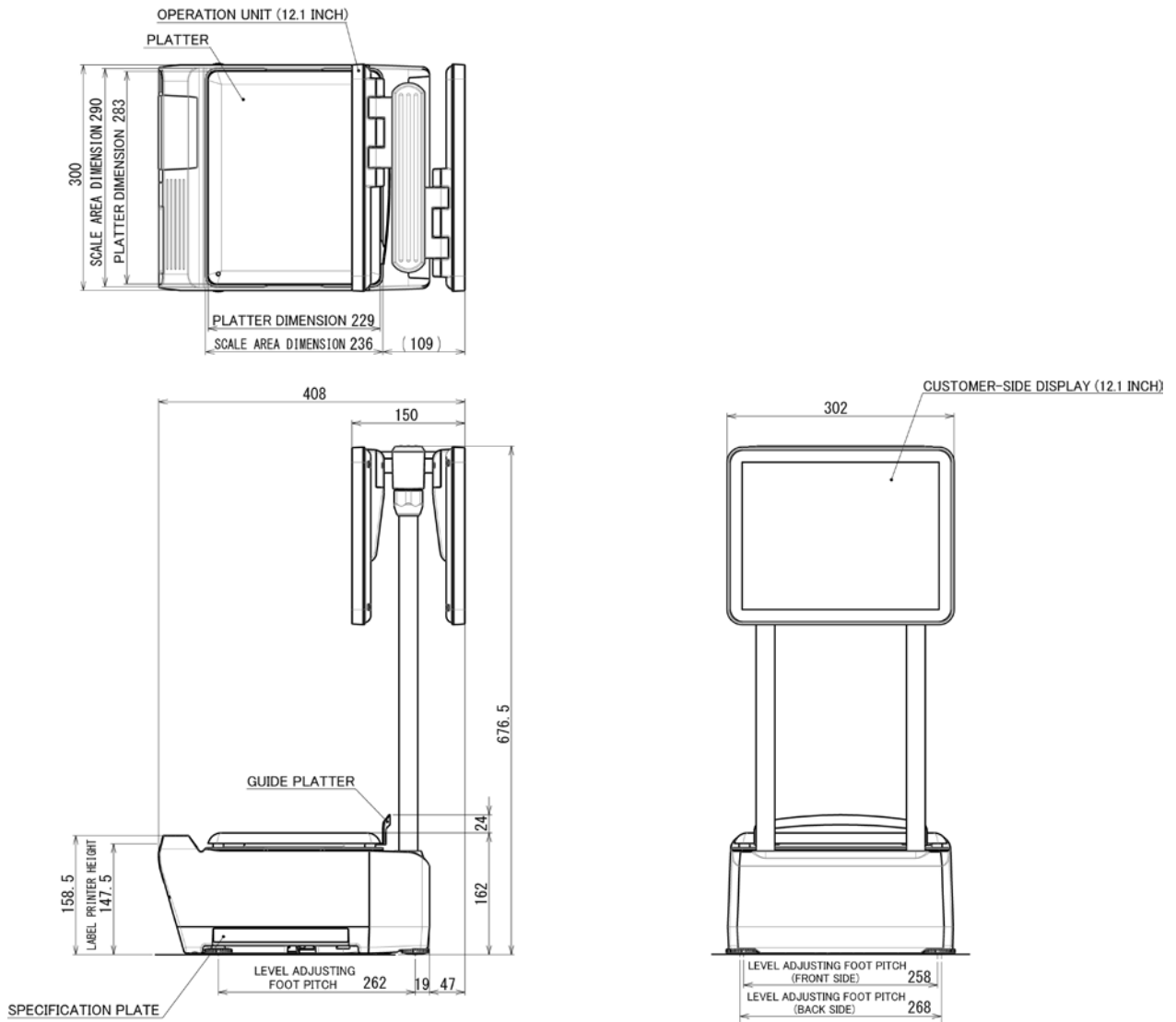
(unit : mm)

1.1.2 OUTER DIMENSIONS FOR LARGE PLATTER TYPE



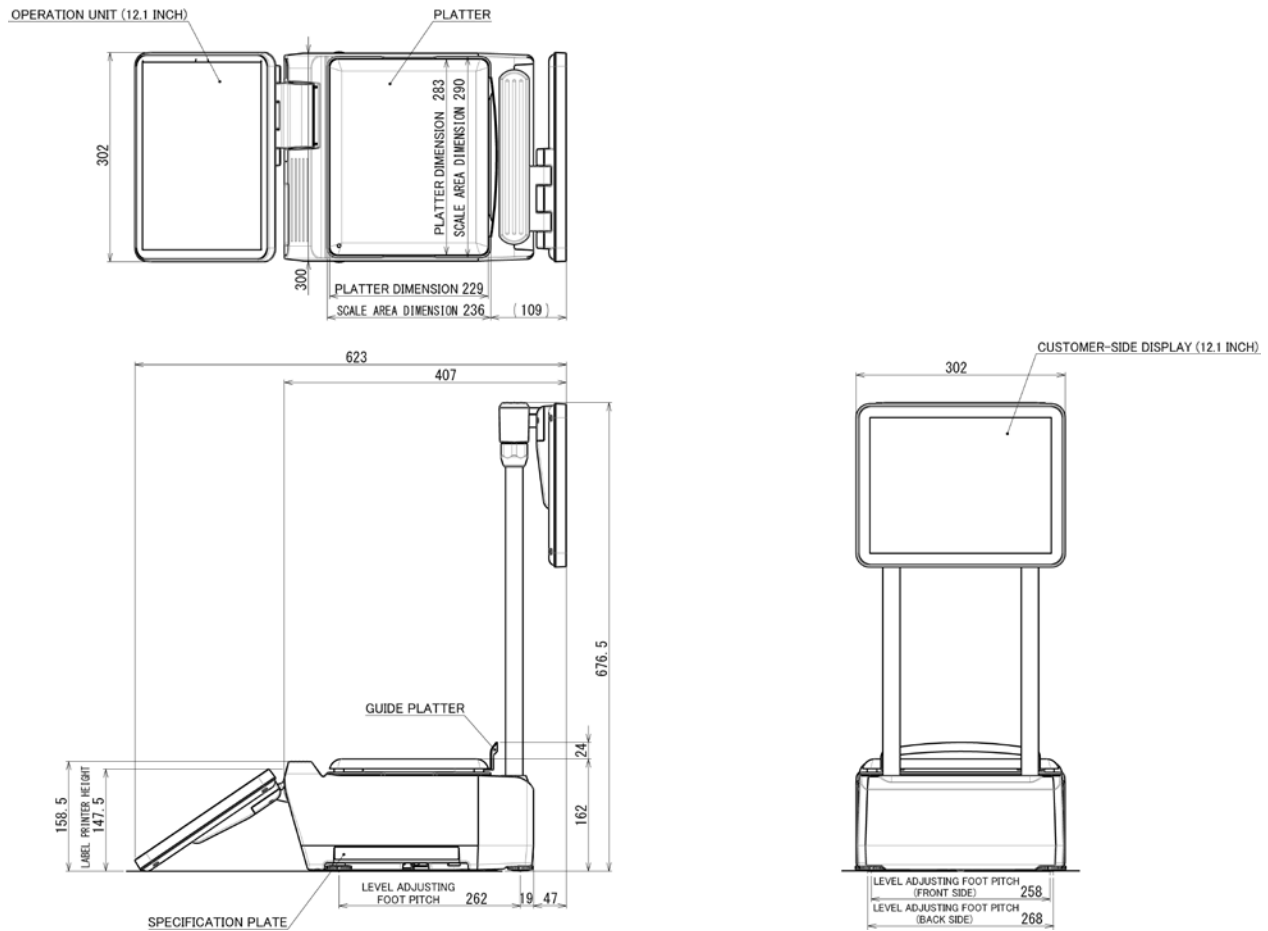
(unit : mm)

1.1.3 OUTER DIMENSIONS FOR ELEVATED TYPE



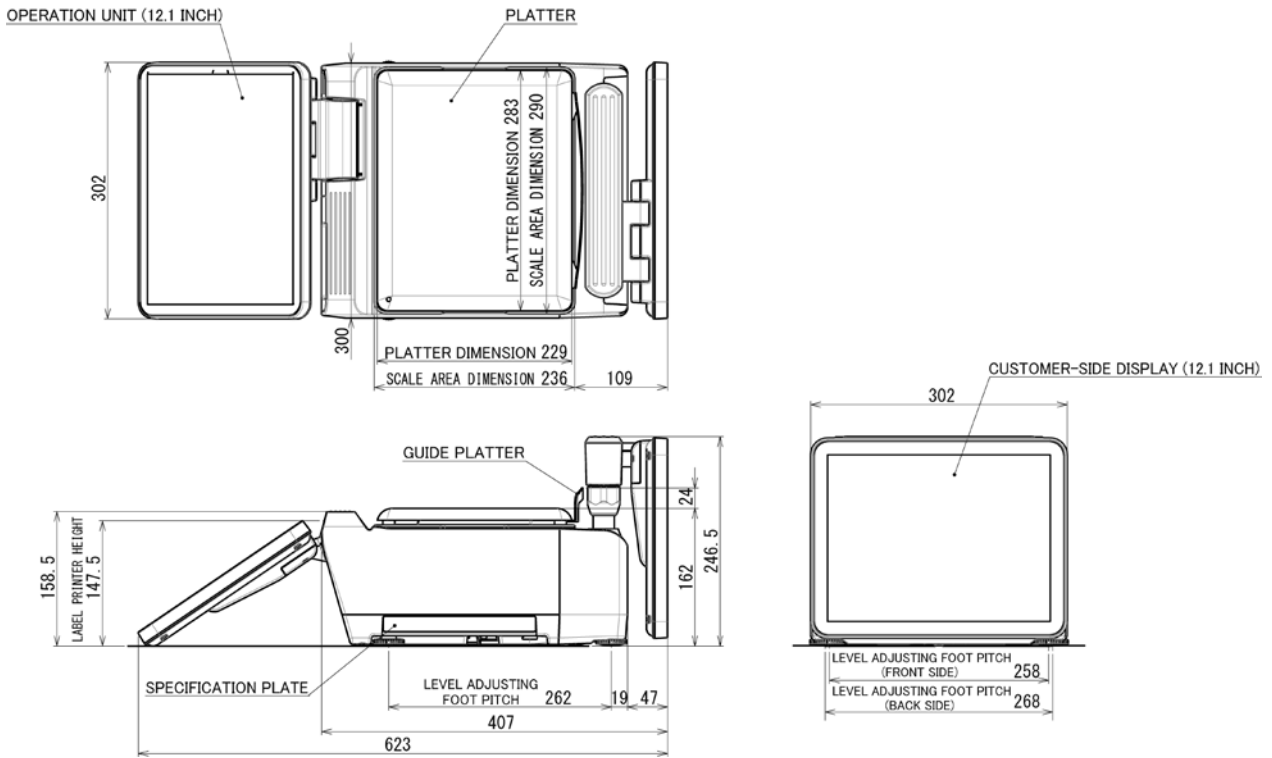
(unit : mm)

1.1.4 OUTER DIMENSIONS FOR POLE TYPE



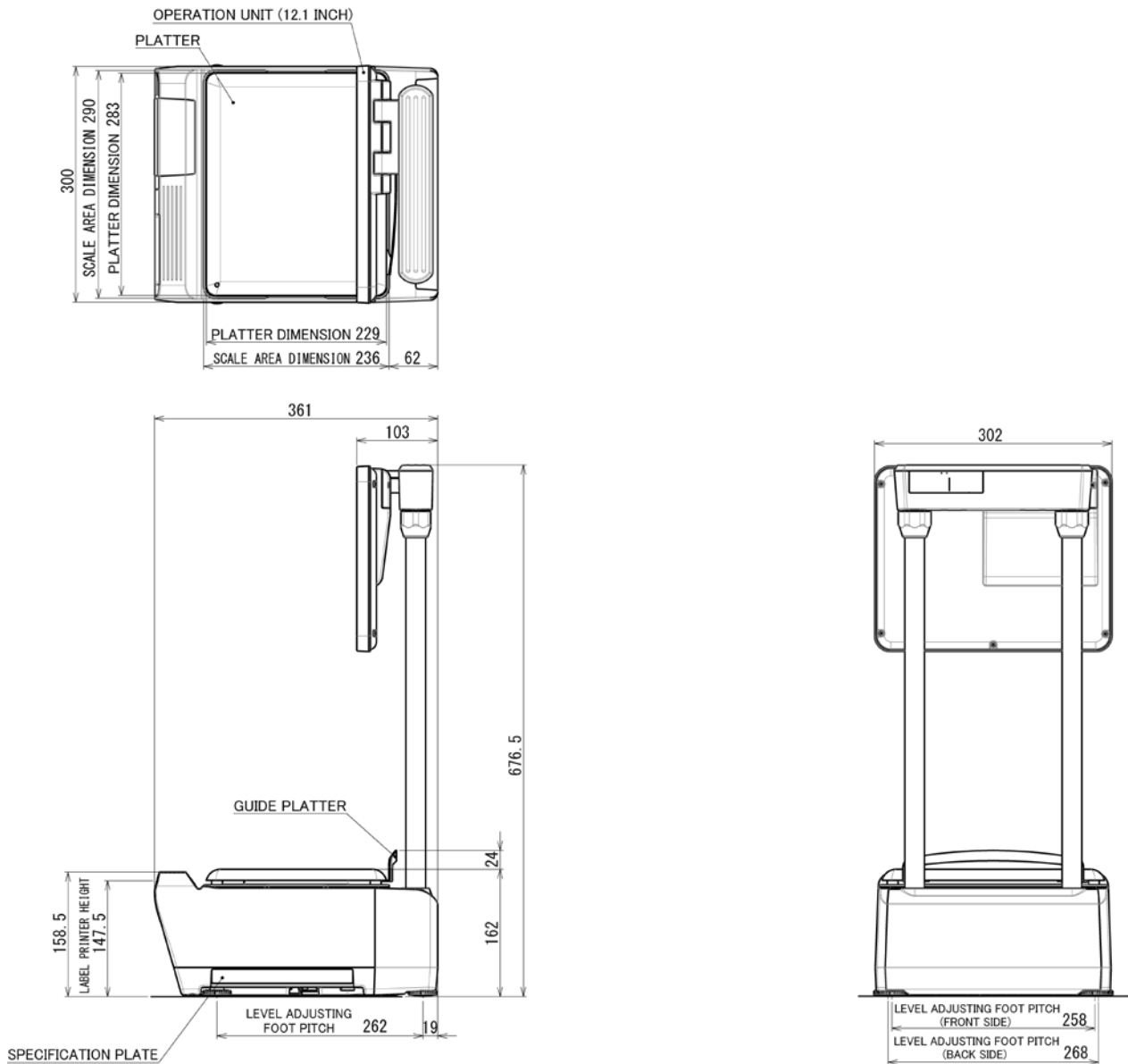
(unit : mm)

1.1.5 OUTER DIMENSIONS FOR SHORT POLE TYPE



(unit : mm)

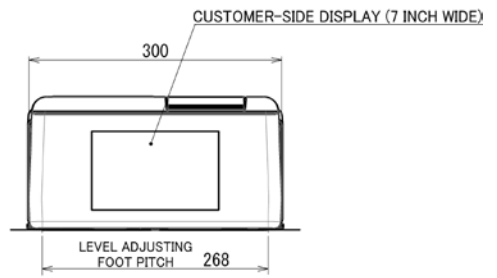
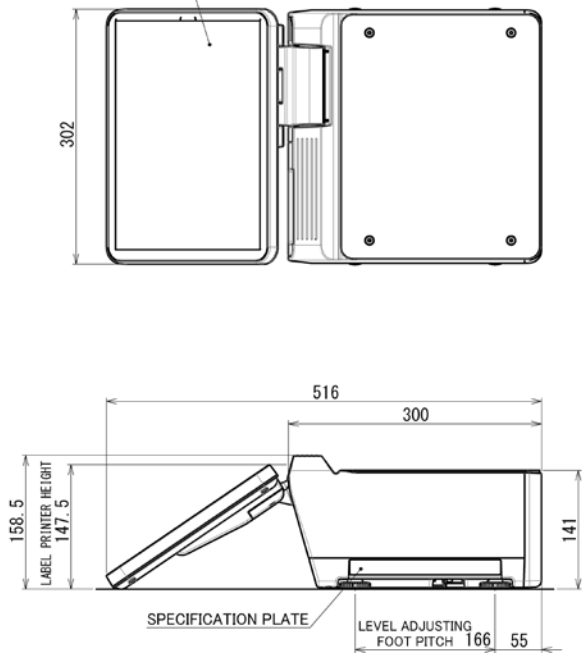
1.1.6 OUTER DIMENSIONS FOR SELF-SERVICE TYPE



(unit : mm)

1.1.7 OUTER DIMENSIONS FOR XL TYPE

OPERATION UNIT (12.1 INCH)



(unit : mm)

1.2 SPECIFICATIONS

Items	Descriptions
Use conditions	Temperature: 0 to 40°C Humidity: 20 to 85%, Non condensing.
Power supply:	AC100 – 240V, 50 / 60Hz
Power consumption	4.0A/2.0.A
Weighing capacity Scale interval	15 kg: 0 to 6/0.002 kg, 6 to 15/0.005 kg 30 lb: 0 to 15/0.005 lb, 15 to 30/0.01 lb
Weighing accuracy	1/3000
Operator/Customer display	Operator:12.1 inch color liquid crystal with back light, 800 X 600dots Customer:12.1 inch color liquid crystal with back light, 800 X 600dots (for POLE, SHORT POLE, ELEVATED, SELF SERVICE) 7.0 inch color liquid crystal with back light, 480 X 234dots (for BENCH, XL)
Printing method	Direct thermal method
Thermal head	3 inches (960dots) and 12 dots/mm
Printing speed	120mm/second <i>Note: The printing speed may vary according to label conditions.</i>
Printing effective size	78mm
Label size	Label width: 30mm to 80mm Label length: 30mm to 100mm
Input/Output	LAN 1 channel USB 4 channel SD 1 channel Drawer 1 channels
Program store medium	CF (4G bytes)

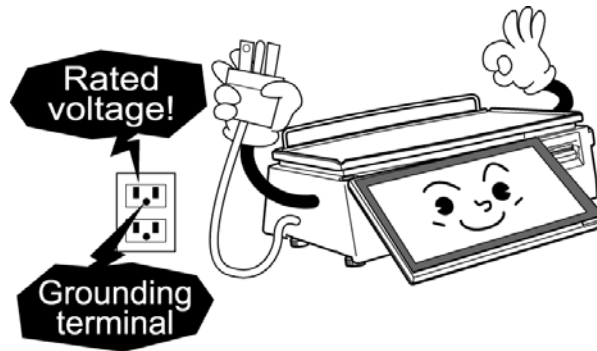
1.3 INSTALLATION

1.3.1 POWER SUPPLY

WARNING

It is strongly advised that the following safety measures must be observed to ensure the safe operation of the machine:

- Read precaution instructions described in this manual before connecting the power plug into the outlet.
- Always use a power supply with rated voltage. Never connect the machine power input with an AC power supply exceeding the rated voltage. To avoid any potential electrical shock, ensure that the protective ground wire is connected to the main grounding provision. Using the machine outside of the rated voltage may result in machine failure or danger such as electric shock.



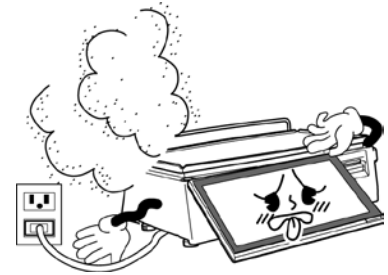
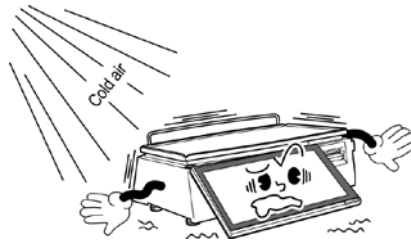
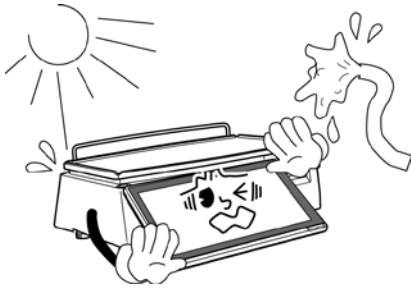
- **Prepare a dedicated power source.**
A power supply that generates voltage variation may cause a malfunction.
- **Do not stand on the power cable, and do not place anything heavy on the cable.**
Doing so may damage the cable, resulting in accident or trouble.
- **Disconnect power supply before servicing.**
To ensure your personal safety, disconnect the power supply before servicing.
- **Take precaution against residual electrical charge hazard.**
Capacitors inside the machine may still hold an electrical charge even after power is disconnected.
- **Do not remove covers or enclosures.**
To avoid personal injury and shock, do not open or remove any covers or enclosures of the machine unless specified in the manual.
- **Do not perform unspecified maintenance.**
For your personal safety, do not perform any maintenance procedures which are not specified in the manual.

1.3.2 PRECAUTIONS FOR INSTALLATION

⚠ WARNING

Do not install the machine in the following types of places:

- Places subject to high temperatures or high humidity
- Places exposed to direct sunlight
- Places where water or other liquids are easily spilled on the machine
- Places subject to excessive vibration or unstable foundations
- Places exposed to direct cold air from air conditioners or refrigerators
- Places where the floor or foundation is unstable
- Places subject to a lot of dust or dirt
- Places with large voltage fluctuations



SETUP MODE

2.1 MACHINE NO. SETTING

BASIC tab

MACHINE No. (BASIC) 2012-02-22 (WED) 14:13

MACHINE No. 1 NETWORK No. 1 MASTER IP ADDRESS 8.0.0.0

MACHINE SET ALONE MASTER SAT. MASTER PORT 0 SAT. PORT 0

COMMUNICATION MODE OFFLINE ONLINE PLU SYNC. YES NO

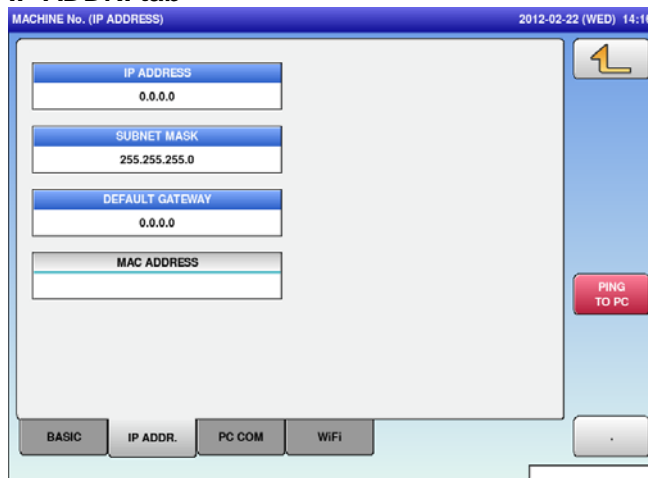
PLU REFERENCE LOCAL MASTER PING TO MAS

BASIC IP ADDR. PC COM WIFI

Menu name	Specification	
MACHINE No.	Function	Set the machine No.
	Details	1 to 99
NETWORK No.	Function	Set the network No.
	Details	1 to 9
MASTER IP ADDRESS	Function	Set the master machine's IP address.
	Details	This function is enabled only when you log into the service network and select the satellite machine.
MACHINE SET	Function	Select one of the stand-alone, master or satellite machines.
	Details	ALONE/MASTER/SAT. This function is enabled only when you log into the service network. The confirmation dialog appears when ALONE, MASTER and SAT. are selected respectively.
MASTER PORT	Function	Set the master machine's port No.
	Details	This function is enabled only when you log into the service network. 0 to 65535
SAT. PORT	Function	Set the satellite machine's port No.
	Details	This function is enabled only when you log into the service network. 0 to 65535
COMMUNICATION MODE	Function	Select the offline or online modes.
	Details	OFFLINE/ONLINE This function is enabled only when you log into the service network and select the satellite machine.
PLU SYNC.	Function	Select whether or not to synchronize PLU master.
	Details	YES/NO This function is enabled only when you log into the service network and select the master machine.

PLU REFERENCE	Function	Select the PLU reference.
	Details	LOCAL/MASTER This function is enabled only when you log into the service network and select the satellite machine.
PING TO MAS.	Function	Ping the master machine.
	Details	The dialogs of PING test and its results appear. The PING ERROR dialog appears if TCP/IP is not set correctly. This function is enabled only when you log into the service network and select the satellite machine.
<p>If you changed any settings, the SAVING CHECK dialog appears to ask whether to save the changed settings before closing the screen.</p>		

IP ADDR. tab



Menu name	Specification	
IP ADDRESS	Function	Set the IP address.
	Details	---
SUBNETMASK	Function	Set the subnet mask.
	Details	---
DEFAULT GATEWAY	Function	Set the default gateway.
	Details	---
MAC ADDRESS	Function	Display the MAC address.
	Details	The MAC address cannot be changed.
PING TO PC	Function	Ping the PC.
	Details	Other tabs also have the same function.

PC COM tab

MACHINE No. (PC COM) 21-02-2012 (TUE) 11:13

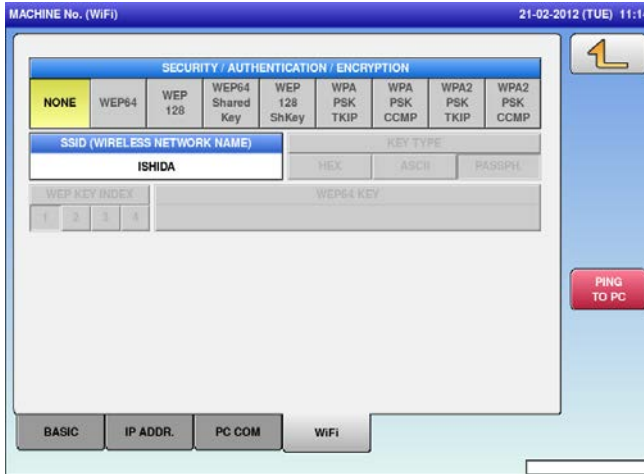
PC IP ADDRESS 192.168.10.1	PRESET FUNC. NAME REFER COM. DATA PLU
PC PORT No. 8071	FTP USER SERVICE
COM CHECK PERIOD (SEC) 30	FTP PASS (MORE THAN 8 CHARS) ISHIDA495344
COM CHECK TIME OUT(SEC) 2	

PING TO PC

BASIC IP ADDR. PC COM WIFI

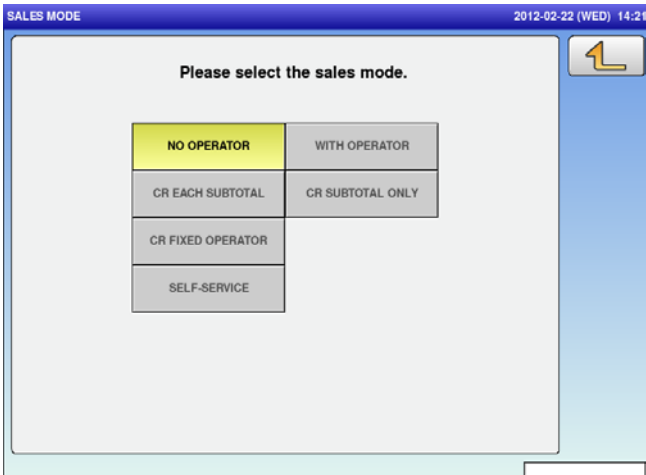
Menu name	Specification	
PC IP ADDRESS	Function	Set the PC's IP address.
	Details	- - -
PRESET FUNC.NAME REFER	Function	Select the preset function name reference.
	Details	COM.DATA/PLU
PC PORT No.	Function	Set the PC's port No.
	Details	0 to 65535
COM CHECK PERIOD (SEC)	Function	Set the command check period.
	Details	0, or 30 to 9999
FTP USER	Function	Set the FTP user name.
	Details	Up to 16byte
COM CHECK TIME OUT(SEC)	Function	Set the command check time-out.
	Details	2 to 5
FTP PASS (MORE THAN 8CHARS)	Function	Set the FTP password.
	Details	Up to 16byte

WiFi tab



Menu name	Specification	
SECURITY/AUTHENTICATION/ENCRYPTION	Function	Select the method of security/authentication/encryption.
	Details	NONE/WEP64/WEP128/WEP64 Shared Key/WEP128 ShKey/WPA PSK TKIP/WPA PSK CCMP/WPA2 PSK TKIP/WPA2 PSK CCMP
SSID (WIRELESS NETWORK NAME)	Function	Set the SSID.
	Details	Up to 32byte
KEY TYPE	Function	Select the key type.
	Details	HEX/ASCII/PASSPH
WEP KEY INDEX	Function	Select the WEP key index.
	Details	1/2/3/4 This function is enabled only when one of WEP64/WEP128/WEP64 Shared Key/WEP128ShKey is selected for security/authentication/encryption.
WEP64 KEY	Function	Set the WEP64 Key.
	Details	Up to 5byte This function is enabled only when one of WEP64/WEP128/WEP64 Shared Key/WEP128ShKey is selected for security/authentication/encryption.

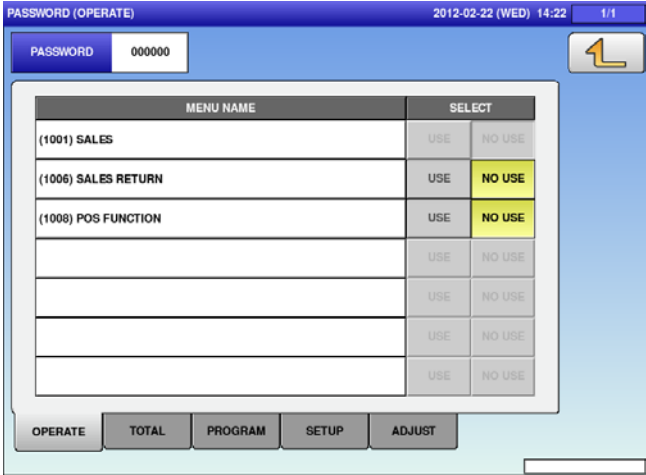
2.2 SALES MODE SETTING



Menu name	Specification	
SALES MODE	Function	Select the sales mode.
	Details	---

2.3 PASSWORD SETTING

OPERATE tab

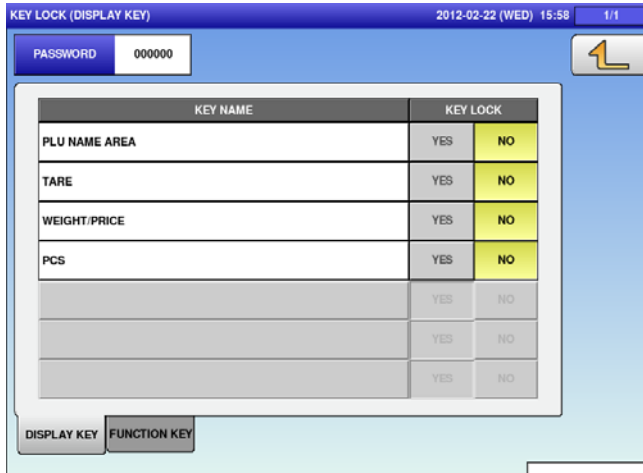


Menu name	Specification	
PASSWORD	Function	Set the password.
	Details	4 to 6 digits
MENU NAME	Function	Display the menu name.
	Details	Both USE and NO USE for SALES are grayed out because SALES cannot be locked with the password.
SELECT	Function	Select whether or not to lock with the password.
	Details	USE: Locked NO USE: Not locked

(All tabs have the same operations so their explanations are omitted here.)

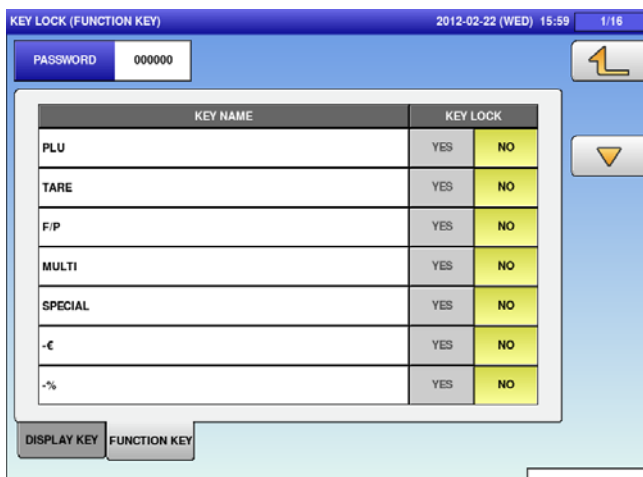
2.4 KEY LOCK SETTING

DISPLAY KEY tab



Menu name	Specification	
PASSWORD	Function	Set the password.
	Details	4 to 6 digits
KEY NAME	Function	Display the measurement menu on the normal mode screen.
	Details	For Oceanian model, WEIGHT/PRICE and PCS are grayed out. (Enter 951753 and press CALL to cancel the grayed-out indication.)
KEY LOCK	Function	Select whether or not to set the key lock.
	Details	YES : The key lock is set. NO : The key lock is not set.

FUNCTION KEY tab



Menu name	Specification	
PASSWORD	Function	Set the password.
	Details	4 to 6 digits
KEY NAME	Function	Display the function key name.
	Details	For Oceanian model, the unit/special price, -\$ and -% are grayed out. (Enter 951753 and press CALL to cancel the grayed-out indication.)
KEY LOCK	Function	Select whether or not to set a key lock.

	Details	YES : The key lock is set. NO : The key lock is not set.
--	---------	---

2.5 DATA STORAGE SETTING

TOTAL ADD. tab

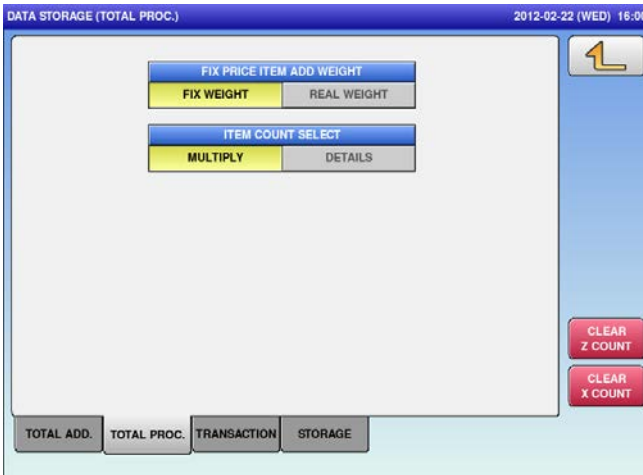
TOTAL NAME	SELECT	
DAILY TOTAL	NON ADD	ADD
WEEKLY TOTAL	NON ADD	ADD
CUMULATIVE TOTAL	NON ADD	ADD
TIME TOTAL	NON ADD	ADD
OPERATOR TOTAL	NON ADD	ADD
ACC1 TOTAL	NON ADD	ADD
ACC2 TOTAL	NON ADD	ADD
ACC3 TOTAL	NON ADD	ADD

TOTAL ADD. TOTAL PROC. TRANSACTION STORAGE

Menu name	Specification	
TOTAL NAME	Function	Display the total name.
	Details	- - -
SELECT	Function	Select whether or not to add.
	Details	NONADD/ADD

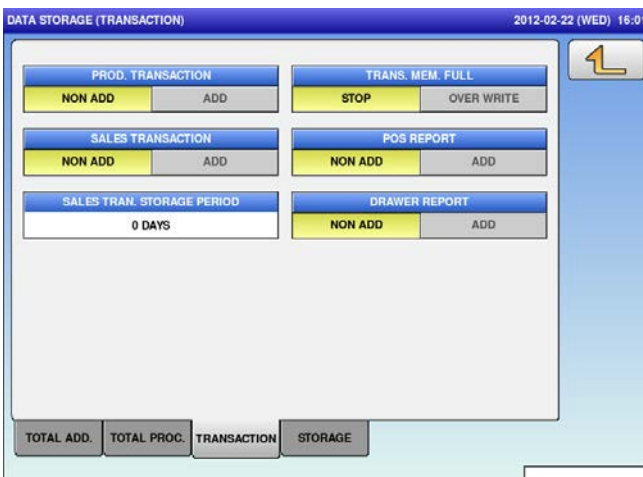
The TOTAL PROC./TRANSACTION/STORAGE tabs are displayed only when you access above menus after logging in with the service password.

TOTAL PROC. tab



Menu name	Specification	
FIX PRICE ITEM ADD WEIGHT	Function	Select the addition weight of fixed-price items.
	Details	FIX WEIGHT/REAL WEIGHT
ITEM COUNT SELECT	Function	Select how to count items.
	Details	MULTIPLY/DETAILS
CLEAR Z COUNT	Function	Clear the Z count.
	Details	Enter 951753 and press CALL to enable this function.
CLEAR X COUNT	Function	Clear the X count.
	Details	Enter 951753 and press CALL to enable this function.

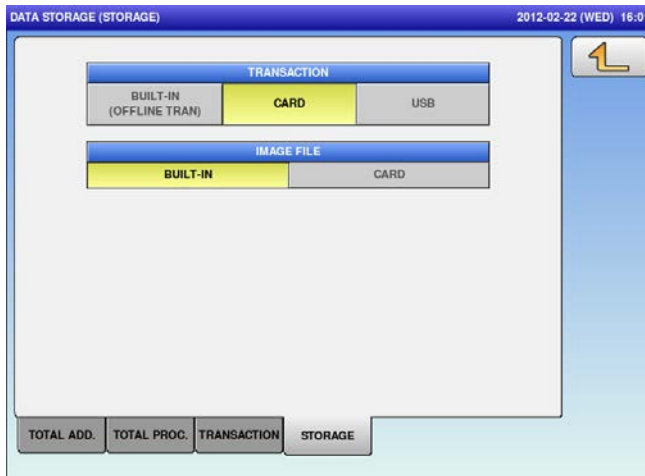
TRANSACTION tab



Menu name	Specification	
PROD.TRANSACTION	Function	Select whether or not to add the product transaction.
	Details	NON ADD/ADD
TRANS.MEM.FULL	Function	Select between stopping or overwriting the transaction addition at memory full condition.
	Details	STOP/OVERWRITE

SALES TRANSACTION	Function	Select whether or not to add the sales transaction.
	Details	NON ADD/ADD
POS REPORT	Function	Select whether or not to add the POS report.
	Details	NON ADD/ADD
SLAES TRAN.STORAGE PERIOD	Function	Set the storage period of the sales transaction.
	Details	0 to 99
DRAWER REPORT	Function	Select whether or not to add the drawer report.
	Details	NON ADD/ADD

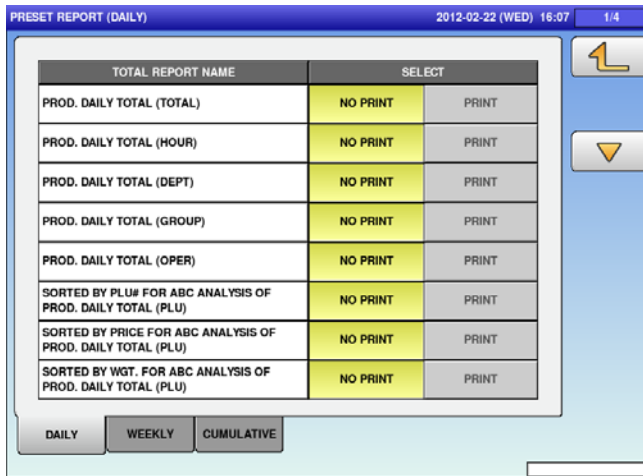
STORAGE tab



Menu name	Specification	
TRANSACTION	Function	Select where to save the transaction.
	Details	BUILT-IN/CARD/USB
IMAGE FILE	Function	Select where to obtain the image file from.
	Details	BUILT-IN/CARD

2.6 PRESET REPORT SETTING

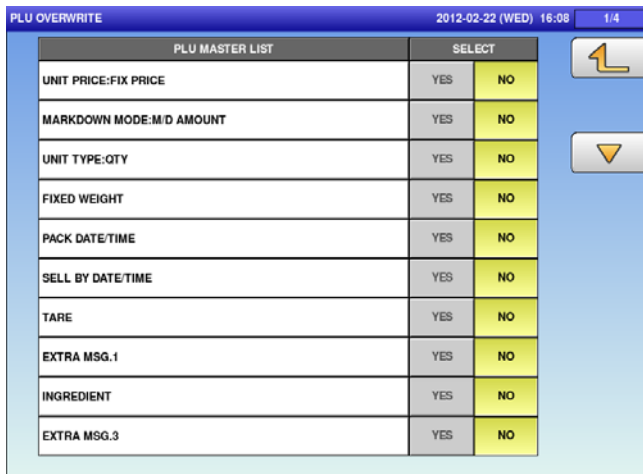
DAILY tab



Menu name	Specification	
TOTAL REPORT NAME	Function	Display the total report name.
	Details	---
SELECT	Function	Select whether or not to print.
	Details	NO PRINT/PRINT

(All tabs have the same operations so their explanations are omitted here.)

2.7 PLU OVERWRITE SETTING



Menu name	Specification	
PLU MASTER LIST	Function	Display the PLU master item.
	Details	---
SELECT	Function	Select whether or not to automatically update the PLU master item.
	Details	YES/NO

2.8 PLU INITIAL DATA SETTING

Menu name	Specification
	Set the initial value to newly create the PLU master. The items to be set are the same as the product registration, so the explanations are omitted here.

2.9 PLU UPDATE SETTING

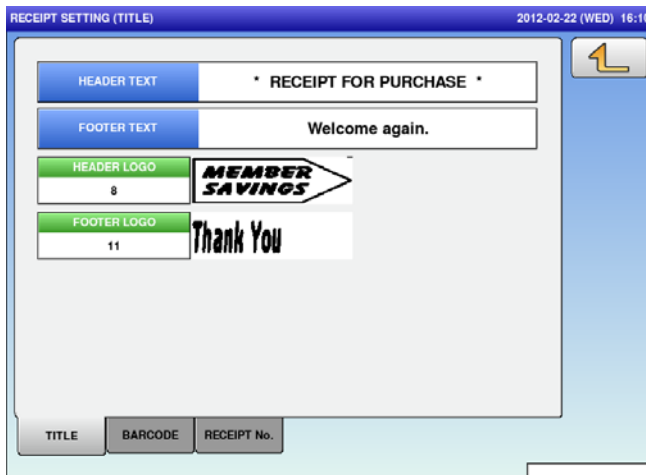
Menu name	Specification	
START No.	Function	Set the start No. of the batch change range.
	Details	0 to 99999999
END No.	Function	Set the end No. of the batch change range.
	Details	0 to 99999999
UNIT PRICE No.	Function	Set the unit price No. for the batch change.
	Details	Touch the button to change the selection.
CONDITION	Function	Select whether or not to specify the replacement condition for the batch change.

	Details	NO/YES
--	---------	--------

LIST NAME	Function	Display the item for the batch change.
	Details	Touch the button to change the selection.
REPLACE CONDITION	Function	Specify the replacement condition.
	Details	This function is enabled when "YES" is selected in "CONDITION".
CHANGE CONTENTS	Function	Specify the replacement contents.
	Details	- - -
BATCH DELETE	Function	Cancel all selections.
	Details	- - -
EXEC	Function	Execute the batch change.
	Details	The ALL REUPDATE CHECK dialog appears to ask whether to execute the batch change.

2.10 RECEIPT SETTING

TITLE tab



Menu name	Specification	
HEADER TEXT	Function	Set the header text.
	Details	Touch the button to open the edit screen.
FOOTER TEXT	Function	Set the footer text.
	Details	Touch the button to open the edit screen.
HEADER LOGO	Function	Set the header logo.
	Details	Touch the button to open the image list.
FOOTER LOGO	Function	Set the footer logo.
	Details	Touch the button to open the image list.

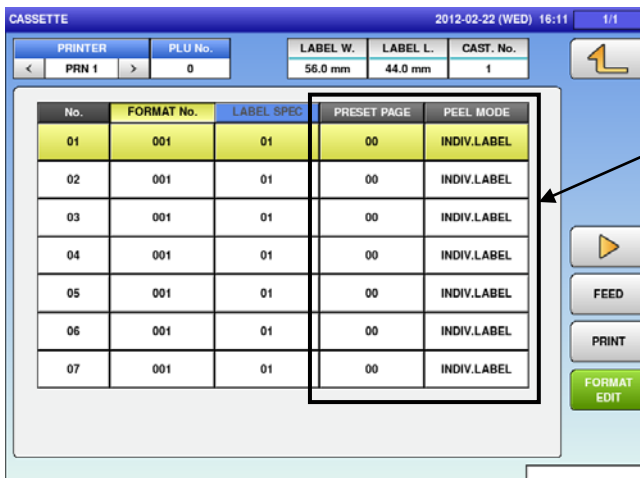
BARCODE tab

Menu name	Specification	
POS FLAG	Function	Set the POS flag.
	Details	00 to 99
POS CODE TYPE	Function	Select the POS code type.
	Details	1:EAN/UPC13 2:EAN/UPC 8/3:10 DIGITS 13/4:5DIGITS 8/5:GS1 6:GS1 ST/7:GS1 STO/8:GS1 LIMITED/9:GS1 EXPANDED/10:ITF
RECEIPT CODE	Function	Set the receipt code.
	Details	0 to 99999999
GS1 EXP FORMAT	Function	Select the GS1 EXP format.
	Details	1:(01)(3922)(3203)/2:(01)(3922)(3203)(15)
POS MINUS FLAG	Function	Set the POS minus flag.
	Details	00 to 99
POS FORMAT	Function	Select the POS format.
	Details	Touch the button to open the POS FORMAT list. Select the format from the list.

RECEIPT NO. tab

Menu name	Specification	
RECEIPT START No.	Function	Set the receipt start No.
	Details	1 to 999999 Note that the start No. must be less than the end No.
DAILY TOT.AUTO CLEAR	Function	Select whether or not to set the automatic reset of daily account.
	Details	NO/YES
RECEIPT END No.	Function	Set the receipt end No.
	Details	1 to 999999 Note that the start No. must be less than the end No.

2.11 CASSETTE SETTING



These two items are switched by paging.

Menu name	Specification	
PRINTER	Function	Select the printer No.
	Details	The printer No. 1 is fixed in UNI-9.
PLU No.	Function	Set the PLU No. for the test print.
	Details	0 to 99999999 For 0, print the checker label.
LABEL W.	Function	Display the specified format width.
	Details	---
LABEL L.	Function	Display the specified format length.
	Details	---
CAST.No	Function	Display the installed cassette No.
	Details	---
FORMAT No.	Function	Set the format No.
	Details	Touch the button to select the format.
LABEL SPEC.	Function	Set the label spec. No.
	Details	Touch the button to select the label spec.
PRESET PAGE	Function	Set the preset page.

	Details	Touch the arrow button to switch the item.
PEEL MODE	Function	Set the peel mode.
	Details	Touch the arrow button to switch the item.
PRINT MODE	Function	Select the print mode.
	Details	AUTO / MANUAL
LABEL TYPE	Function	Select the label type.
	Details	DIE-CUT / CONTINUOUS
STORE PRINT	Function	Select the store to be printed.
	Details	ENABLE / DISABLE
TITLE PRINT	Function	Select the title print.
	Details	ENABLE / DISABLE
OVERFLOW FLG.	Function	Select the process in the case of the overflow flag.
	Details	ERR+BLANK / TO MAX
2nd FMT No.	Function	Set the 2nd format No.
	Details	0 to 999
SUBTTL FMTno.	Function	Set the subtotal format No.
	Details	0 to 999
SALES MODE	Function	Select the sales mode.
	Details	NO OPE / WITH OPE / CR EACH / CR SUBONLY / CR FIXED / SELF
FMT No.(A)	Function	Set the format No.
	Details	0 to 999
PLU NAME	Function	Select the PLU name.
	Details	FIXED / VARIABLE
EXTRA MESSAGE 1 ~ 3	Function	Select the extra messages 1 to 3.
	Details	FIXED / VARIABLE
SH.IMAGE IMAGE1~3	Function	Select the SH image and images 1 to 3.
	Details	FIXED / VARIABLE
HEIG OF SH.I HEIG OF IMG1 HEIG OF IMG2 HEIG OF IMG3	Function	Set the image height.
	Details	0 to 9999
GROUP PAGE	Function	Set the group page.
	Details	1 to 98
PSET(FUNC)	Function	Set the preset.
	Details	1 to 98
GROUP(FUNC)	Function	Select the group.
	Details	1 to 98
FORMAT EDIT /LABEL EDIT	Function	Open the format or label edit screens depending on the format or label selections.

	Details	---
--	---------	-----

2.12 LABEL SPEC. SETTING

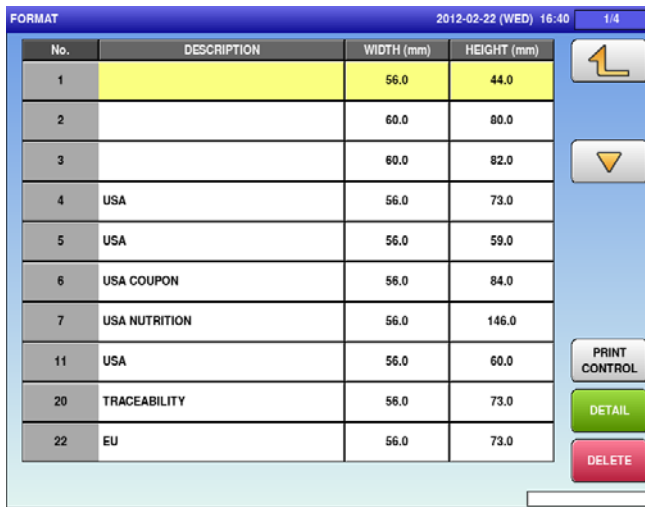
The screenshot shows the 'LABEL SPEC.' menu with the following settings:

- PRINTER: PRN 1
- CASSETTE No.: 1
- LABEL No.: 01
- LABEL TYPE: 1:130LA-1
- PRINT DENSITY: 5
- RED DENSITY: 5
- PRINT DIRECTION: STAND. (selected), REVERSE
- LABEL GAP: 2.5mm
- SENSOR TYPE: 1:LABEL
- PRINT SPEED: 120mm/s
- BACK FEED: NO
- SENSOR DISTANCE: 26.5mm
- FEED LENGTH: 12.0mm
- CONFIRM TO PRINT: FMT No. 001, PLU No. 00000000
- FORMAT INFO: WIDTH 56.0 mm, LENGTH 44.0 mm

Menu name	Specification	
PRINTER	Function	Select the printer No.
	Details	The printer No. 1 is fixed in UNI-9.
CASSETTE No.	Function	Display the cassette No.
	Details	Only for display
LABEL No.	Function	Set the label master No.
	Details	1 to 99 If there is no set master, the "LABEL SETTING MASTER IS NOT PROGRAMMED" dialog appears to ask whether to create a new master.
LABEL TYPE	Function	Select the label type.
	Details	0:RECEIPT/1:130LA-1/3:150LA-1
PRINT DENSITY	Function	Set the print density.
	Details	0 to 9
RED DENSITY	Function	This function is not enabled in UNI-9.
	Details	---
PRINT DIRECTION	Function	Set the print direction.
	Details	STAND./REVERSE
LABEL GAP	Function	Set the label gap.
	Details	0 to 999
SENSOR TYPE	Function	Set the sensor type.
	Details	0:NO USE/1:LABEL/2:MARK
PRINT SPEED	Function	Set the print speed.
	Details	100mm/s / 120mm/s / 150mm/s

BACK FEED	Function	Select whether or not to set the back feed.
	Details	NO/YES
SENSOR DISTANCE	Function	Set the label sensor distance.
	Details	26.5mm is specified in UNI-9 (other than hanging type). 0 to 9999
FEED LENGTH	Function	Set the feed length.
	Details	12.0mm is specified in UNI-9 (other than hanging type). 0 to 9999
FORMAT No.	Function	Set the format No. for the test print.
	Details	1 to 999
PLU No.	Function	Set the PLU No. for the test print.
	Details	0 to 99999999
WIDTH	Function	Display the format width for the test print.
	Details	---
LENGTH	Function	Display the format length for the test print.
	Details	---

2.13 LABEL FORMAT SETTING



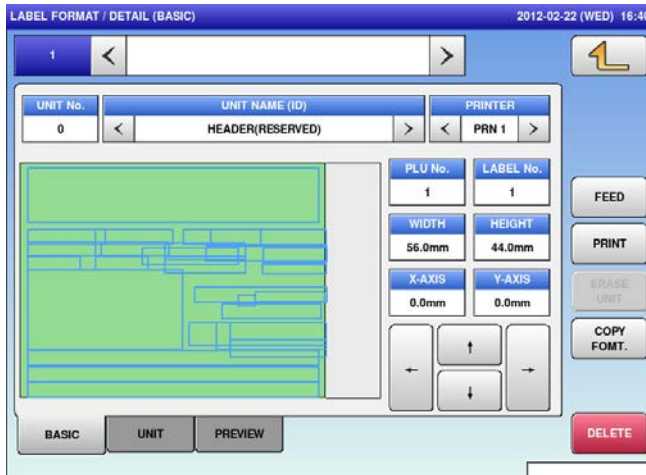
Menu name	Specification	
PRINT CONTROL	Function	Open the PRINT CONTROL screen.
	Details	---

PRINT CONTROL screen



Menu name	Specification	
M PRICE PRINT	Function	Select the M price print.
	Details	NO PRINT/BIG SIZE/SMALL SIZE

BASIC tab



Menu name	Specification	
FORMAT NAME	Function	Touch the button to open the format name edit screen.
	Details	Touch "<" and ">" located at both sides of the box to select the next (or previous) format master.
UNIT No.	Function	Display the unit No.
	Details	Touch the button to open the unit list set for the current format. The UNIT tab also has the same function.
UNIT NAME(ID)	Function	Display the selected unit name.
	Details	If nothing is selected, "HEADER" is selected.
PRINTER	Function	Select the printer No.
	Details	The printer No. 1 is fixed in UNI-9.
PLU No.	Function	Set the PLU No. to be used for the test print and preview.
	Details	0 to 99999999 For 0, print the checker label.
LABEL No.	Function	Specify the label No.
	Details	1 to 99
WIDHT	Function	Set the format width.
	Details	0 to 800
HEIGHT	Function	Set the format height.
	Details	0 to 2000
X-AXIS	Function	Display the X axis of selected unit.
	Details	The axis is moved by entering the numerical number.
Y-AXIS	Function	Display the Y axis of selected unit.
	Details	The axis is moved by entering the numerical number.
ERASE UNIT	Function	Delete the selected unit.
	Details	---
COPY FOMT.	Function	Enter the numerical number and press COPY to copy the said numerical number's format.
	Details	---
DELETE	Function	Delete the format master.
	Details	The dialog appears to ask whether to delete the format master.

• ' ' "	Function	Move the axis of selected unit. If the HEADER is selected, the axis of whole format is moved.
	Details	---

UNIT tab

LABEL FORMAT / DETAIL (UNIT) 2012-02-22 (WED) 16:40 1/1

1 < > STRING EDIT

UNIT No.	UNIT NAME	A	B	C	D	E	F
0	HEADER						
PLU	SET CONTENTS	VALUE					
FORMAT No.	Header: 1-99 not able to change	1					
X-AXIS	Able to set 0-08000 by 0.1mm	560					
Y-AXIS	Able to set 0-2000 by 0.1mm	440					
UNIT No.	Able to set 1-63	30					
TURN	00:STANDARD 02:REVERSE	00					

FEED PRINT UNIT ERASE UNIT COPY UNIT ADD

BASIC UNIT PREVIEW

Menu name	Specification	
(No.)	Function	Display the item name.
	Details	---
UNIT NAME	Function	Touch "<" and ">" located at both sides of the box to select the next (or previous) unit.
	Details	---
SET CONTENTS	Function	Display the set contents.
	Details	---
VALUE	Function	Enter the value for set contents.
	Details	---
ABCDEF	Function	Enter the alphabetical character.
	Details	For hexadecimal entry
STRING EDIT	Function	Open the format string edit screen.
	Details	Up to 526byte
UNIT ADD	Function	Add the unit.
	Details	The header unit also increases by one at the same time.

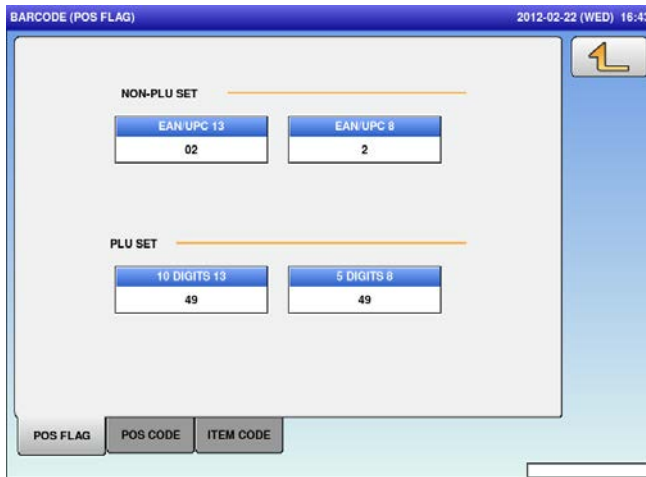
PREVIEW tab



Menu name	Specification	
WHOLE IMAGE /DETAILED IMAGE	Function	Select the whole image or detailed image.
	Details	---
‘ “ • ’	Function	Move the image.
	Details	This function is enabled only for the detailed image.

2.14 BARCODE SETTING

POS FLAG tab



Menu name	Specification	
EAN/UPC 13	Function	Set the NON-PLU 13 digits.
	Details	00 to 99
EAN/UPC 8	Function	Set the NON-PLU 13 digits.
	Details	0 to 9
10 DIGITS 13	Function	Set the PLU 13 digits.
	Details	00 to 99

5 DIGITS 8	Function	Set the PLU 8 digits.
	Details	00 to 99

POS CODE tab

Menu name	Specification	
POS CODE TYPE	Function	Select the POS code type.
	Details	1:EAN/UPC13 2:EAN/UPC 8/3:10 DIGITS 13/4:5DIGITS 8/5:GS1 6:GS1 ST/7:GS1 STO/8:GS1 LIMITED/9:GS1 EXPANDED/10:ITF
OCR	Function	Select the OCR style.
	Details	EAN13/UPC12
GS1EXP FORMAT	Function	Select the GS1 EXP format.
	Details	1:(01)(3922)(3203)/2:(01)(3922)(3203)(15)
POS FORMAT(WGT)	Function	Select the POS format (weight).
	Details	Touch the button to open the POS FORMAT list. Select the format from the list.
POS FORMAT (FIX PRICE)	Function	Select the POS format (fix price).
	Details	Touch the button to open the POS FORMAT list. Select the format from the list.

ITEM CODE tab



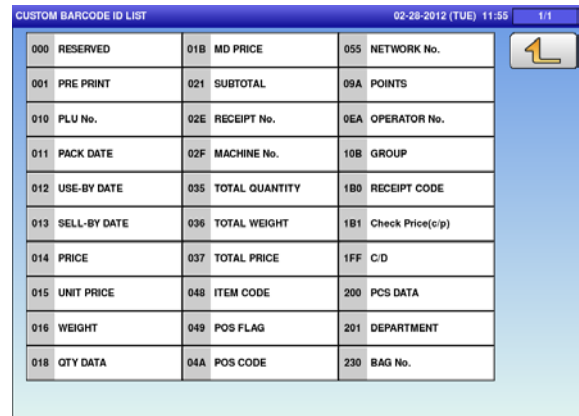
Menu name	Specification	
DEPARTMENT No. DIGIT SET	Function	Execute the digit set of department No.
	Details	Press the numerical number to switch the selection. Press the numerical number in series. (e.g. The combination of "1" and "3" cannot be selected. The combination of "1", "2" and "3" can be selected.)
GROUP No. DIGIT SET	Function	Execute the digit set of group No.
	Details	Press the numerical number to switch the selection. Press the numerical number in series. (e.g. The combination of "1" and "3" cannot be selected. The combination of "1", "2" and "3" can be selected.)
EAN/UPC 13 DIGIT SET	Function	Execute the digit set of JAN code (13 digits).
	Details	Press the numerical number to switch the selection. Press the numerical number in series. (e.g. The combination of "1" and "3" cannot be selected. The combination of "1", "2" and "3" can be selected.)
EAN/UPC 8 DIGIT SET	Function	Execute the digit set of JAN code (8 digits).
	Details	Press the numerical number to switch the selection. Press the numerical number in series. (e.g. The combination of "1" and "3" cannot be selected. The combination of "1", "2" and "3" can be selected.)

2.15 CUSTOM BARCODE SETTING

BASIC tab

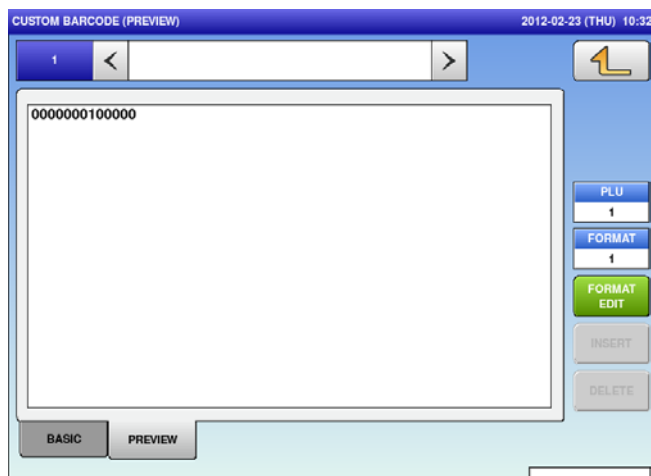


CUSTOM BARCODE ID LIST screen



Menu name	Specification
-----------	---------------

No.	Function	Touch the button to switch the selection.
	Details	---
ID	Function	Set the ID to be combined.
	Details	Touch the button to open the CUSTOM BARCODE ID LIST. Select the ID from the list.
START	Function	Set the start digit.
	Details	1 to 999
DIGIT	Function	Set the digit number.
	Details	0:ALL or 1 to 999
DATA	Function	Display the set ID data.
	Details	Touch the button to open the edit screen only when the ID is set to PRE PRINT.
CTRL	Function	Select the control character.
	Details	0:NONE 1:()
PLU	Function	Set the item No. to be used for the preview.
	Details	1 to 99999999 Other tabs also have the same function.
FORMAT	Function	1 to 999
	Details	Other tabs also have the same function.
FORMAT EDIT	Function	Open the format edit screen.
	Details	Other tabs also have the same function.
INSERT	Function	Insert the blank line in front of selected line.
	Details	---
DELETE	Function	Delete the selected line.
	Details	---

PREVIEW tab

Menu name	Specification
	The combined-barcode preview is displayed only.



2.16 MENU TITLE SETTING

OPERATE tab

No.	DEFAULT NAME	NEW NAME
1001	SALES	SALES
1003	ACC1	ACC1
1004	ACC2	ACC2
1005	ACC3	ACC3
1006	SALES RETURN	SALES RETURN
1002	TOTAL ADJUST	TOTAL ADJUST
1008	POS FUNCTION	POS FUNCTION
1009	LOG IN/OUT	LOG IN/OUT

Menu name	Specification	
DEFAULT NAME	Function	Display the menu name before editing. Touch the button to select the menu name.
	Details	---
NEW NAME	Function	Display the menu name after editing. Touch the button to select the menu name.
	Details	---
EDIT	Function	Transfer to the edit screen of the selected menu name.
	Details	---

(All tabs have the same operations so their explanations are omitted here.)

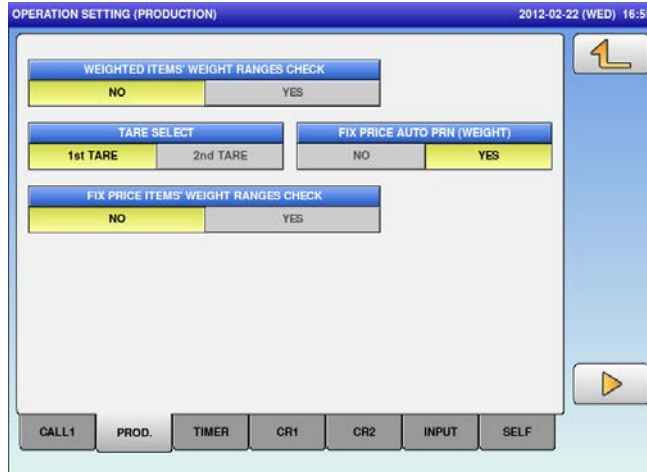
2.17 OPERATION SETTING

CALL1 tab

Menu name	Specification	
FIND PLU	Function	Select how to search PLU.

	Details	START CHAR./LINE1/LINE2/ALL
PROMO CONFIRMATION	Function	Select whether or not to confirm the promotion.
	Details	NO/YES
STORE CALL	Function	Select whether or not to set the store call.
	Details	NO/YES
UNIT PRICE CHANGE	Function	Select whether or not to change the unit price.
	Details	YES/NO This function is enabled only when "YES" is selected in "STORE CALL".
PRINTER CHANGE BASIS	Function	Select the printer change basis.
	Details	STORE/EYECATCH This function is enabled only when "YES" is selected in "STORE CALL".

PROD. tab



Menu name	Specification	
WEIGHTED ITEMS' WEIGHT RANGES CHECK	Function	Select whether or not to check the weight of weighed items.
	Details	NO/YES
TARE SELECT	Function	Select the tare.
	Details	1st TARE/2nd Tare
FIX PRICE AUTO PRN(WEIGHT)	Function	Select whether or not to print the weight check of fixed-price product.
	Details	NO/YES
FIX PRICE ITEMS' WEIGHT RANGES CHECK	Function	Select whether or not to check the weight of fixed-price product.
	Details	NO/YES

TIMER tab

OPERATION SETTING (TIMER) 2012-02-22 (WED) 16:55

REGISTRATION TIMER	SUB-TOTAL TIMER	PRINTING TERM. TIMER
0	0	0
CATEGORY TIMER	PRESET TIMER	SEARCH TIMER
0	0	0

CALL1 PROD. **TIMER** CR1 CR2 INPUT SELF

Menu name	Specification	
REGISTRATION TIMER	Function	Set the registration timer.
	Details	0 to 9999 The unit is second.
SUB-TOTAL TIMER	Function	Set the subtotal timer. If there is no operation for the predetermined period in a subtotal mode, the screen is returned to the previous screen.
	Details	0 to 9999 The unit is second.
PRINTING TERM.TIMER	Function	Set the PRINTING TERM.TIMER. If there is no operation for the predetermined period after printing in a subtotal mode, the screen is returned to the previous screen.
	Details	0 to 9999 The unit is second.
CATEGORY TIMER	Function	Set the category timer.
	Details	0 to 9999 The unit is second.
PRESET TIMER	Function	Set the preset timer.
	Details	0 to 9999 The unit is second.
SEARCH TIMER	Function	Set the search timer.
	Details	0 to 9999 The unit is second.

CR1 tab

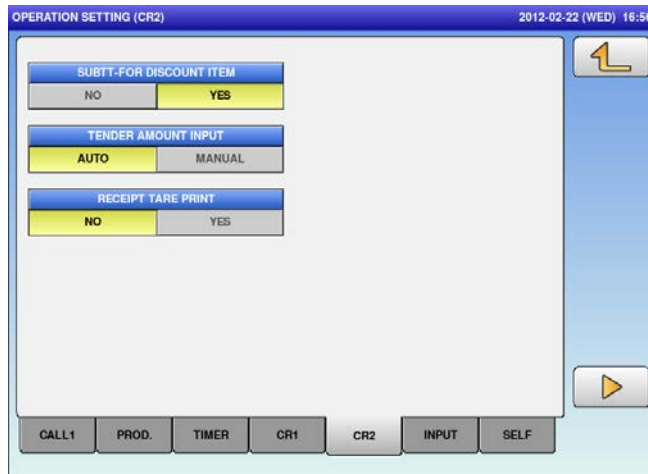
OPERATION SETTING (CR1) 2012-02-22 (WED) 16:55

VAT PRINT	
NO	YES
AUTO MODE OPERATION	DRAWER OPEN
CONTINUE EACH	PRN START PRN END
DRAWER 0 OPEN	REISSUE
NO YES	CALL UP TICKET OPEN TICKET

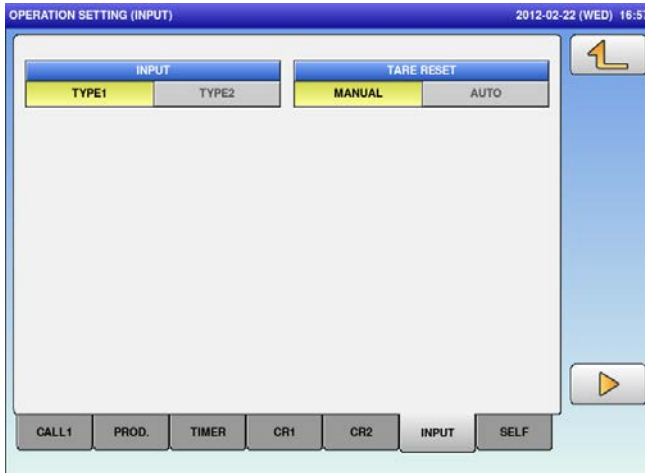
CALL1 PROD. **TIMER** CR1 CR2 INPUT SELF

Menu name	Specification	
VAT PRINT	Function	Select whether or not to print VAT.
	Details	NO/YES
AUTO MODE OPERATION	Function	Select the auto mode operation.
	Details	CONTINUE/EACH
DRAWER OPEN	Function	Select the drawer open.
	Details	PRN START/PRN END
DRAWER 0 OPEN	Function	Select whether or not to set the DRAWER 0 OPEN.
	Details	NO/YES
REISSUE	Function	Select the reissue.
	Details	CALL UP TICKET/OPEN TICKET

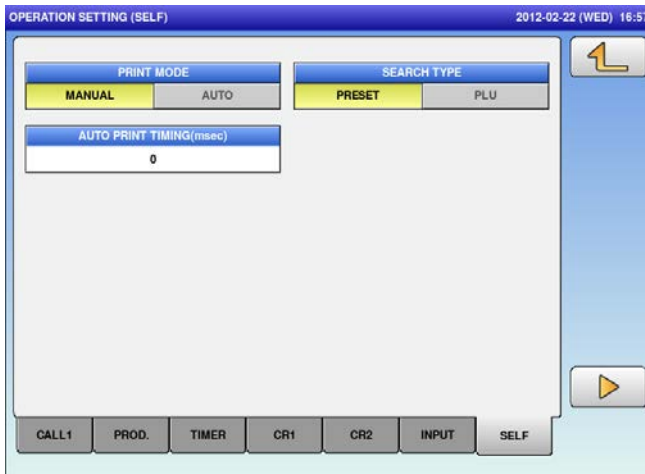
CR2 tab



Menu name	Specification	
SUBTT-FOR DISCOUNT ITEM	Function	Select the subtotal discount item.
	Details	NO/YES
TENDER AMOUNT INPUT	Function	Select how to input the tender amount.
	Details	AUTO/MANUAL
RECEIPT TARE PRINT	Function	Select whether or not to print the receipt tare.
	Details	NO/YES

INPUT tab

Menu name	Specification	
INPUT	Function	Select the input type.
	Details	TYPE1/TYPE2
TARE RESET	Function	Select how to reset the tare.
	Details	MANUAL/AUTO

SELF tab

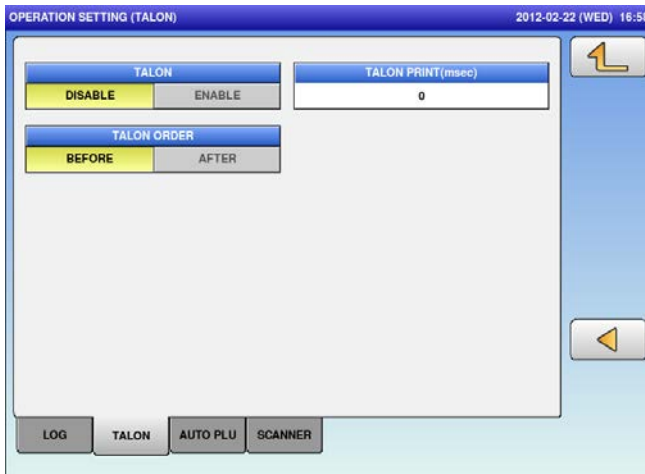
Menu name	Specification	
PRINT MODE	Function	Select the print mode.
	Details	MANUAL/AUTO
SEARCH TYPE	Function	Select the search type.
	Details	PRESET/PLU
AUTO PRINT TIMING (msec)	Function	Set the auto print timing.
	Details	0 to 5000

LOG tab



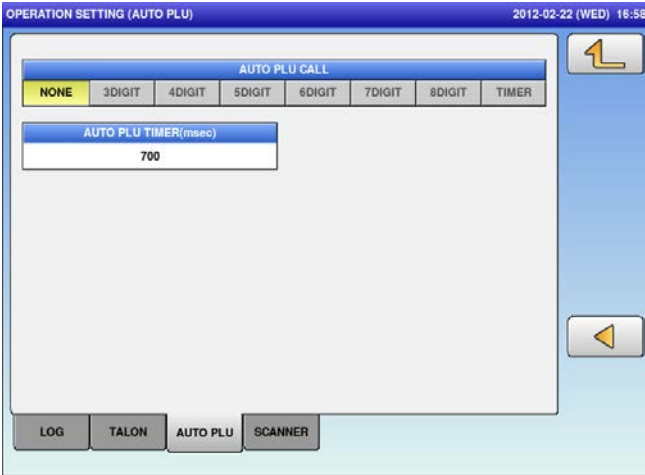
Menu name	Specification	
OPERATOR LOG IN OUT	Function	Select whether or not to use the operator login.
	Details	NO/YES

TALON tab



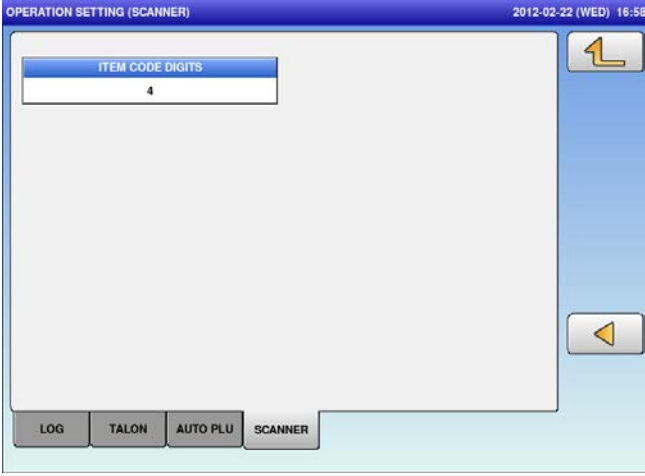
Menu name	Specification	
TALON	Function	Select the TALON.
	Details	DISABLE/ENABLE
TALON PRINT(msec)	Function	Set the TALON print.
	Details	0 to 3000
TALON ORDER	Function	Select the TALON order.
	Details	BEFORE/AFTER

AUTO PLU tab



Menu name	Specification	
AUTO PLU CALL	Function	Select the auto PLU calling method.
	Details	NONE/3DIGIT/4DIGIT/5DIGIT/6DIGIT/7DIGIT/8DIGIT/TIMER
AUTO PLU TIMER (msec)	Function	Set the auto PLU timer.
	Details	0 to 3000

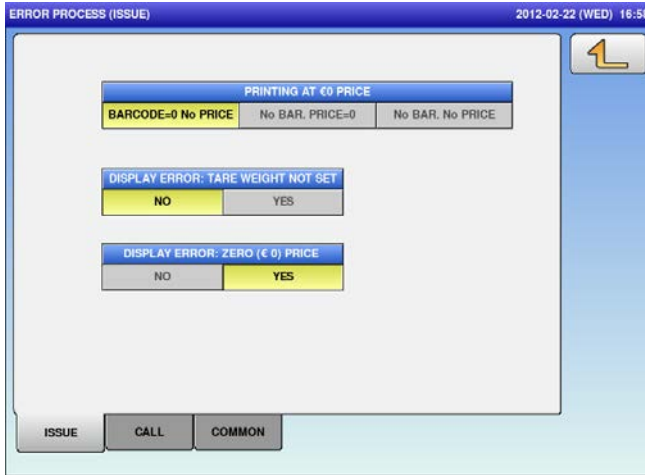
SCANNER tab



Menu name	Specification	
ITEM CODE DIGITS	Function	Set the item code digit.
	Details	4 to 5

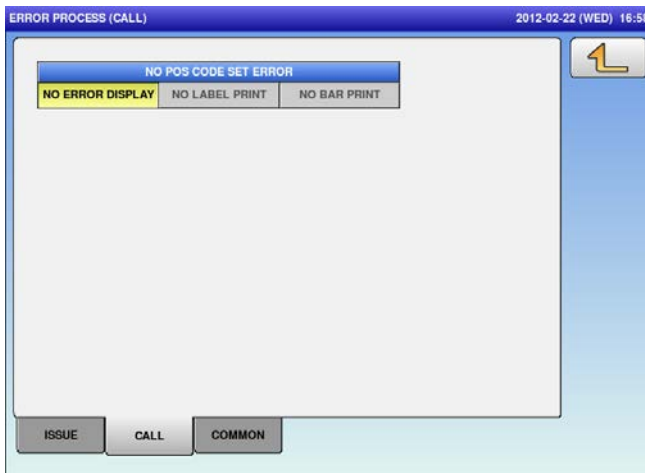
2.18 ERROR PROCESS SETTING

ISSUE tab



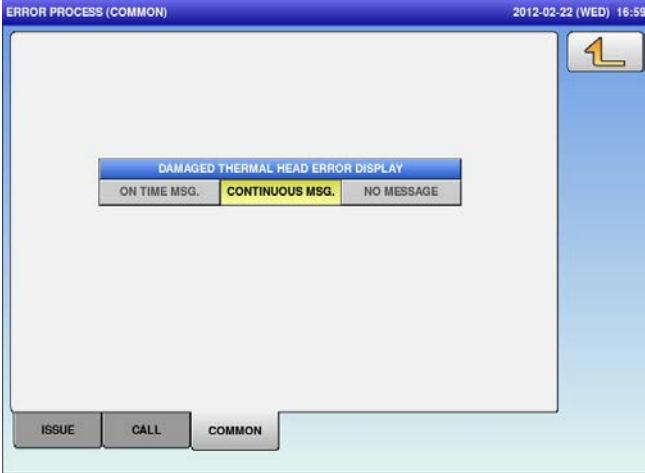
Menu name	Specification	
PRINTING AT 0 PRICE	Function	Select the action of printing at 0.
	Details	BARCODE=0 No PRICE/No BAR.PRICE=0/No BAR. No PRICE The currency unit depends on the country master.
DISPLAY ERROR: TARE WEIGHT NOT SET	Function	Select whether or not to display the error message when the tare weight is not set.
	Details	NO/YES
DISPLAY ERROR: ZERO PRICE	Function	Select whether or not to display the error message of 0 price.
	Details	NO/YES

CALL tab



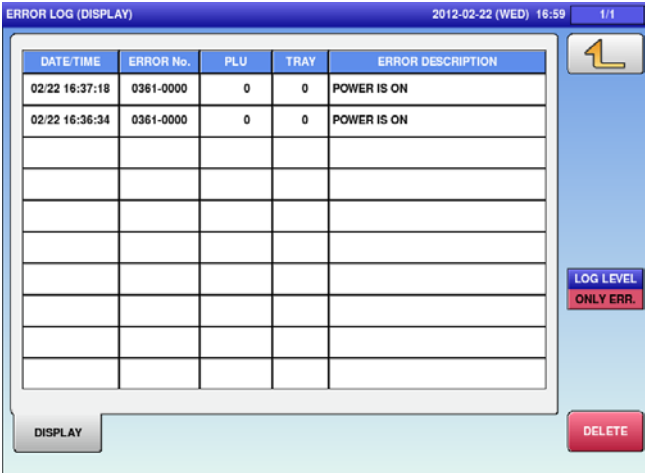
Menu name	Specification	
NO POS CODE SET ERROR	Function	Select the action when the POS code is not set.
	Details	NO ERROR DISPLAY/NO LABEL PRINT/NO BAR PRINT

COMMON tab



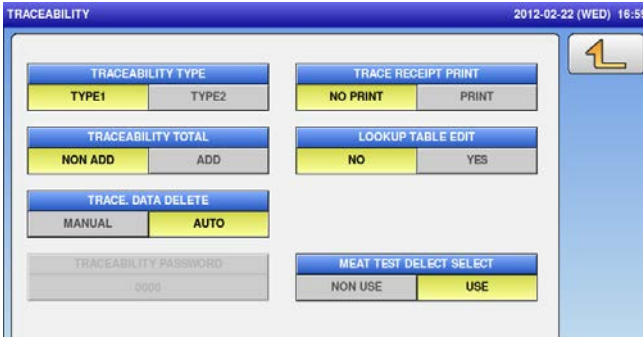
Menu name	Specification	
DAMAGED THERMAL HEAD ERROR DISPLAY	Function	Select how to set the error message of damaged thermal head.
	Details	ON TIME MSG/CONTINUOUS MSG/NO MESSAGE

2.19 ERROR LOG SETTING



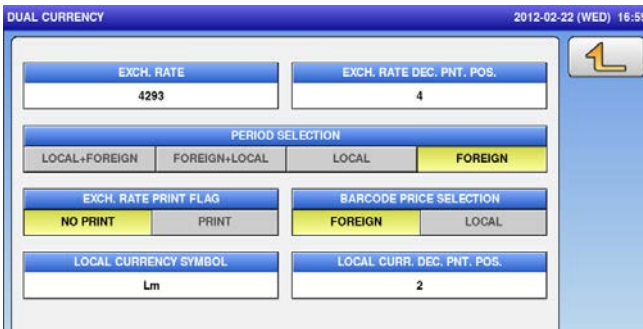
Menu name	Specification	
LOG LEVEL	Function	Select the error log level to be displayed on the list.
	Details	ONLY ERR./ERR.+OPE.
DELETE	Function	Delete the error log.
	Details	The DELETE CHECK dialog appears to ask whether to delete the error log.

2.20 TRACEABILITY SETTING



Menu name	Specification	
TRACEABILITY TYPE	Function	Select the traceability type.
	Details	TYPE1/TYPE2 (TYPE1 is simple traceability.)
TRACE RECEIPT PRINT	Function	Select whether or not to print the trace receipt.
	Details	NO PRINT/PRINT
TRACEABILITY TOTAL	Function	Select whether or not to add the traceability total.
	Details	NO/YES
LOOKUP TABLE EDIT	Function	Select whether or not to enable the lookup table edit on the traceability screen in the normal mode.
	Details	NO/YES
TRACE.DATA DELETE	Function	Select the manual or auto deletion of traceability data.
	Details	MANUAL/AUTO
TRACEABILITY PASSWORD	Function	Set the traceability password.
	Details	This function is enabled when "TYPE2" is selected in the TRACEABILITY TYPE. 0 or 4-digit number
MEAT TEST DELECT SELECT	Function	Select whether or not to use the deletion button of meat master.
	Details	NON USE/USE

2.21 DUAL CURRENCY SETTING



Menu name	Specification	
-----------	---------------	--

EXCH.RATE	Function	Set the exchange rate of the second currency.
	Details	0 to 99999999
EXCH.RATE DEC.PNT.POS.	Function	Set the decimal point position of the exchange rate of the second currency.
	Details	0 to 7
PERIOD SELECTION	Function	Select the currency combination.
	Details	LOCAL+FOREIGN/FOREIGN+LOCAL/LOCAL/FOREIGN
EXCH.RATE PRINT FLAG	Function	Select whether or not to print the exchange rate flag.
	Details	NOT PRINT/PRINT
BARCODE PRICE SELECTION	Function	Select the barcode price.
	Details	FOREIGN/LOCAL
LOCAL CURRENCY SYMBOL	Function	Set the local currency symbol.
	Details	Up to 3byte
LOCAL CURR.DEC.PNT.POS	Function	Set the decimal point position of the local currency.
	Details	0 to 7

2.22 PRICE ROUNDING SETTING



Menu name	Specification	
TAX ROUNDING	Function	Select the tax rounding type.
	Details	DOWN/ 4/5 /UP
PRICE ROUNDING	Function	Select the price rounding type.
	Details	4/5 /05
DISCOUNT ROUNDING	Function	Select the discount rounding type.
	Details	DOWN/ 4/5 /UP
SUB-TOTAL PRICE ROUNDING	Function	Select the subtotal price rounding type.
	Details	NON/05

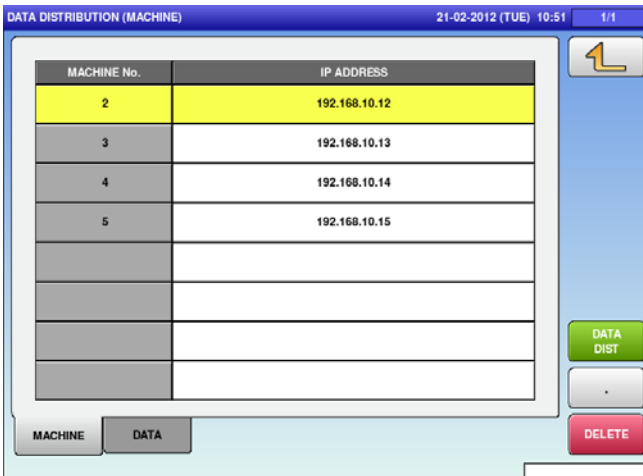
2.23 FREQUENT SHOPPER SETTING



Menu name	Specification	
BARCODE PRICE TYPE	Function	Select the barcode price type.
	Details	NORMAL/MARKDOWN
LOGO IMAGE 1No.	Function	Set the logo image 1 No.
	Details	0 to 999

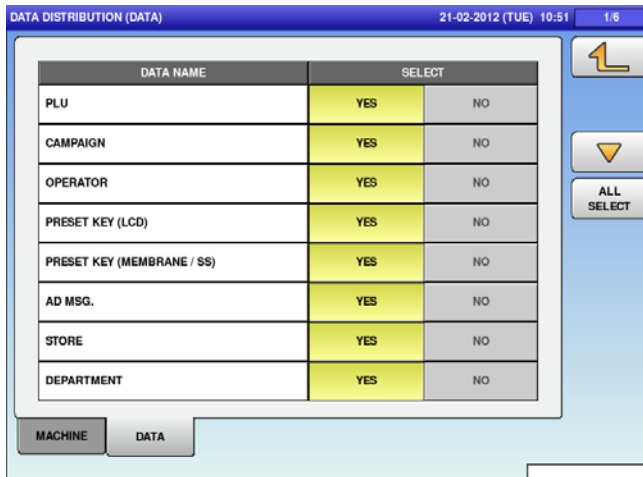
2.24 DATA DISTRIBUTION SETTING

MACHINE tab



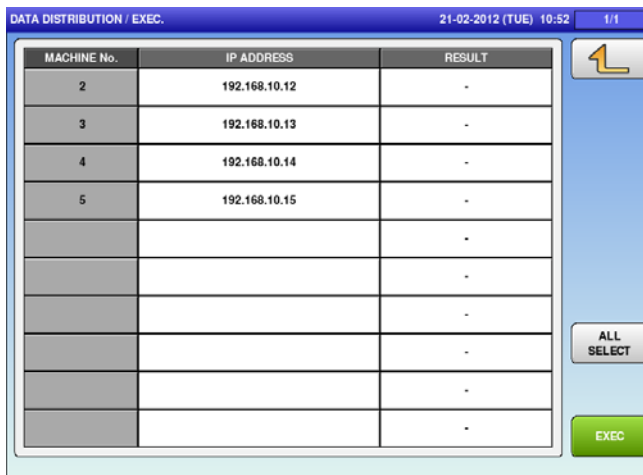
Menu name	Specification	
MACHINE No.	Function	Enter the numerical number and press CALL to set the machine No. of destination.
	Details	1 to 99
IP ADDRESS	Function	Set the IP address of destination.
	Details	---
DATA DIST	Function	Transfer to the master distribution screen (EXEC).
	Details	---
DELETE	Function	Delete the selected item.
	Details	---

DATA tab



Menu name	Specification	
DATA NAME	Function	Display the data name.
	Details	---
SELECT	Function	Select the master to be distributed.
	Details	---
ALL SELECT	Function	Change the selections of all masters.
	Details	---

EXEC. screen



Menu name	Specification	
MACHINE No.	Function	Touch the button to change the selection.
	Details	---
IP ADDRESS	Function	Touch the button to change the selection.
	Details	---
RESULT	Function	Display the result after distribution.
	Details	---
ALLSELECT	Function	Change the selections of all destinations.
	Details	---

EXEC	Function	Execute the master distribution to the selected destination.
	Details	The SENDING CHECK dialog appears to ask whether to distribute masters.

2.25 TAX SETTING

TAX 2012-02-22 (WED) 17:00

TAX No.	TAX TYPE			TAX RATE
0	EXCLUDED	INCLUDED	EXEMPT	5.00 %
1	EXCLUDED	INCLUDED	EXEMPT	5.00 %
2	EXCLUDED	INCLUDED	EXEMPT	5.00 %
3	EXCLUDED	INCLUDED	EXEMPT	5.00 %
4	EXCLUDED	INCLUDED	EXEMPT	5.00 %
5	EXCLUDED	INCLUDED	EXEMPT	5.00 %
6	EXCLUDED	INCLUDED	EXEMPT	5.00 %
7	EXCLUDED	INCLUDED	EXEMPT	5.00 %
8	EXCLUDED	INCLUDED	EXEMPT	5.00 %
9	EXCLUDED	INCLUDED	EXEMPT	5.00 %

Menu name	Specification	
TAX TYPE	Function	Select the tax type.
	Details	EXCLUDED/INCLUDED/EXEMPT
TAX RATE	Function	Set the tax rate.
	Details	0.00 to 99.99

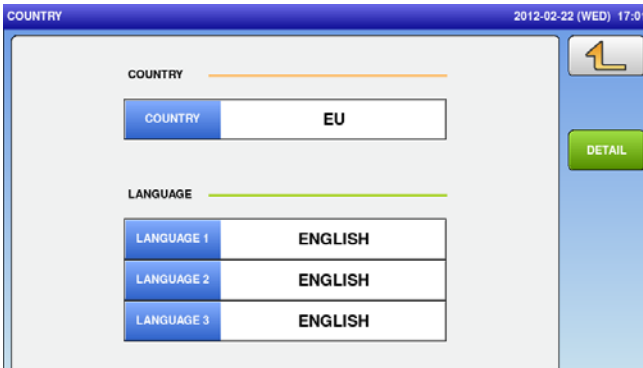
2.26 STANDBY MODE SETTING

STANDBY MODE 2012-02-22 (WED) 17:00

SLEEP START TIMER	300
-------------------	-----

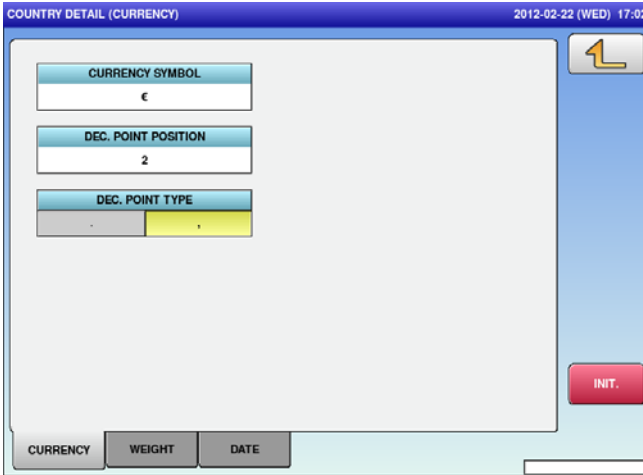
Menu name	Specification	
SLEEP START TIMER	Function	Set the time to standby mode.
	Details	The unit is minute.

2.27 COUNTRY SETTING



Menu name	Specification	
COUNTRY	Function	Select the country.
	Details	Enter 951753 and press CALL to enable this function. Touch the COUNTRY button to open the list and select the country.
LANGUAGE	Function	Set the first to third language.
	Details	Touch the button to open the list and select the language.
DETAIL	Function	Transfer to the country setting details screen.
	Details	Enter 495344 and press CALL to open the screen.

CURRENCY tab



Menu name	Specification	
CURRENCY SYMBOL	Function	Set the currency symbol.
	Details	Up to 3byte
DEC.POINT POSITION	Function	Set the decimal point position of currency.
	Details	0 to 7
DEC.POINT TYPE	Function	Select the decimal point type.
	Details	. / , (dot/comma)
INIT.	Function	Initialize the set value of country master.
	Details	Other tabs also have the same function.

WEIGHT tab

COUNTRY DETAIL (WEIGHT) 2012-02-22 (WED) 17:02

WEIGHT UNIT
lb kg g

MAX. TARE
5998

DEC. POINT POSITION
3

MINIMUM PRINT WGT
20e 5e 3e

DEC. POINT TYPE
- .

INIT.

CURRENCY WEIGHT DATE

Menu name	Specification	
WEIGHT UNIT	Function	Select the weight unit.
	Details	lb/kg/g Enter 14789632 and press CALL to enable this function.
MAX.TARE	Function	Set the maximum tare.
	Details	For the unit of kg or g: 0 to 5998 For the unit of lb: 0 to 9990 Enter 14789632 and press CALL to enable this function.
DEC.POINT POSITION	Function	Set the decimal point position.
	Details	1 to 3 Enter 495344 and press CALL to enable this function.
MINIMUM PRINT WGT	Function	Set the minimum print weight.
	Details	20e/5e/3e Enter 495344 and press CALL to enable this function. This function is enabled only for the manual print.
DEC.POINT TYPE	Function	Select the decimal point type.
	Details	. /, (dot/comma) Enter 495344 and press CALL to enable this function.

DATE tab

COUNTRY DETAIL (DATE) 2012-02-22 (WED) 17:02

DATE FORMAT
< 0:Y-M-D >

DATE SPACER
- . : / SPC gnd -

YEAR TYPE
YY(2) YYYY(4)

SHELF LIFE
Next Day Today

MONTH TYPE
DIGIT CHAR.(3) CHAR.(2)

INIT.

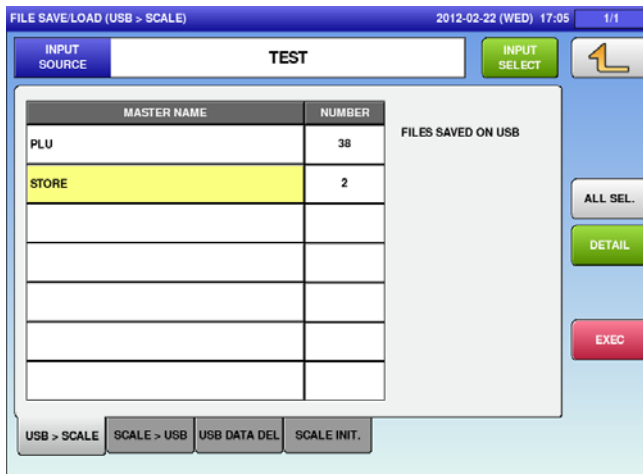
CURRENCY WEIGHT DATE

Menu name	Specification	
DATE FORMAT	Function	Select the date format (order).
	Details	0:Y-M-D/1:M-D-Y/2:D-M-Y

DATE SPACER	Function	Select the date spacer.
	Details	.(comma), .(period), :(colon), /(slash), space, ymd, and · (middle point) The ymd is not used in UNI-9.
YEAR TYPE	Function	Select the year type.
	Details	YY(2)/YYYY(4) Last 2 or 4 digits
SHELF LIFE	Function	Select whether or not to set the shelf life "1" to the next day or today.
	Details	Next Day/Today
MONTH TYPE	Function	Select the month type.
	Details	DIGIT/CHAR(3)/CHAR(2) Numerical number, three characters or two characters

2.28 FILE SAVE/LOAD SETTING

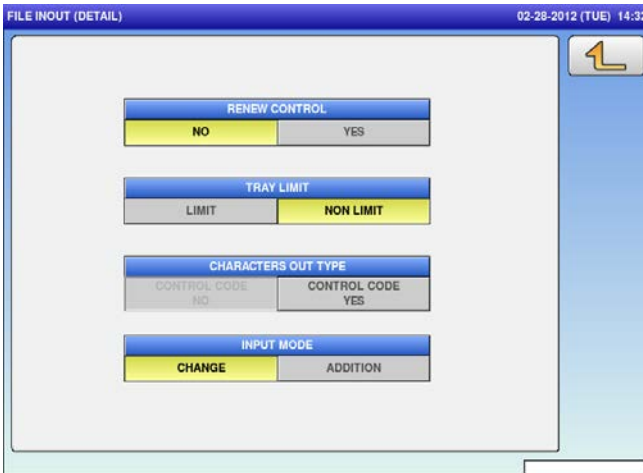
USB>SCALE tab



Menu name	Specification	
INPUT SOURCE	Function	Display the name of the input source.
	Details	---
INPUT SELECT	Function	Open the FILE SAVE/LOAD IN SELECT screen.
	Details	The input source is listed only when the files are saved on the USB flash drive.
MASTER NAME	Function	Display the master name.
	Details	Touch the button to change the selection. Other tabs also have the same function.
NUMBER	Function	Display the number of master data.
	Details	Other tabs also have the same function.
ALL SEL.	Function	Change the selections of all masters.
	Details	This function is enabled when the input source file is set. Other tabs also have the same function.
DETAIL	Function	Open the FILE SAVE/LOAD OUT (DETAIL) screen.
	Details	Other tabs also have the same function.
EXEC	Function	Execute the file input of selected master.

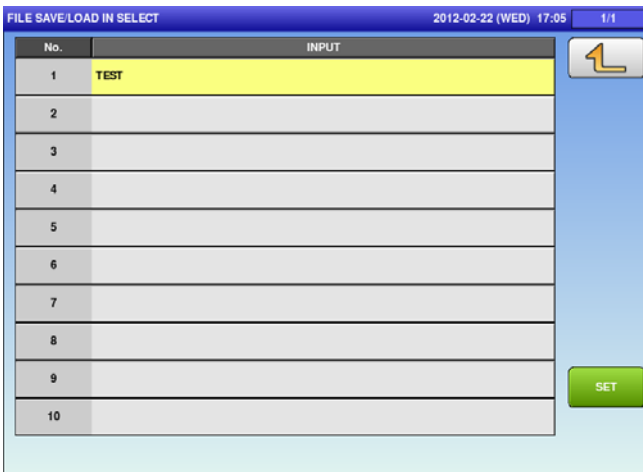
	Details	The INPUT CHECK dialog appears to ask whether to input the file.
--	---------	--

FILE INOUT (DETAIL) screen

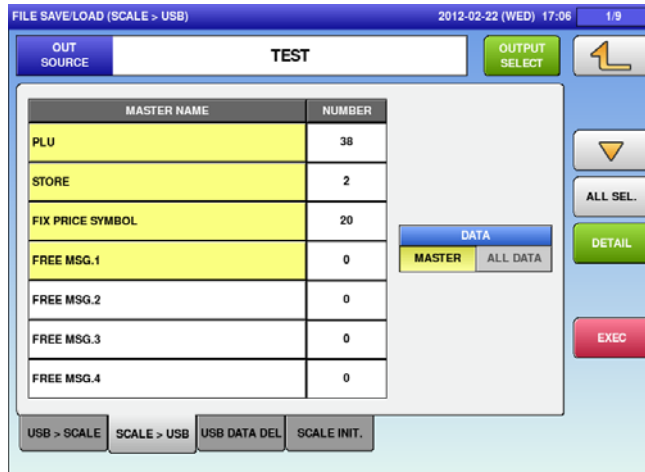


Menu name	Specification	
RENEW CONTROL	Function	Select whether or not to control update.
	Details	NO/YES
TRAY LIMIT	Function	Select whether or not to limit the tray.
	Details	LIMIT/NO LIMIT
CHARACTERS OUT TYPE	Function	Select the characters output type.
	Details	CONTROL CODE NO/CONTROL CODE YES "CONTROL CODE NO" cannot be selected.
INPUT MODE	Function	Select the input mode.
	Details	CHANGE/ADDITION

FILE SAVE/LOAD IN screen

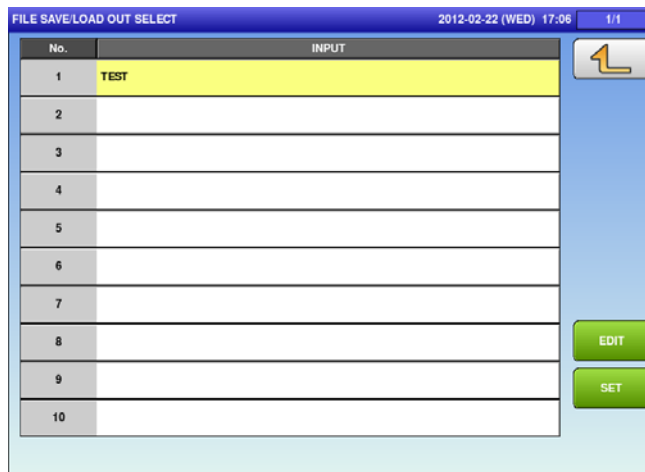


SCALE>USB tab



Menu name	Specification	
OUT SOURCE	Function	Display the name of the output source.
	Details	---
OUTPUT SELECT	Function	Open the FILE SAVE/LOAD OUT SELECT screen.
	Details	SET: Set the output source. EDIT: Edit the name of the output source.
DATA	Function	Select the output data.
	Details	MASTER/ALL DATA
EXEC	Function	Execute the file output of selected master.
	Details	The OUTPUT CHECK dialog appears to ask whether to output the file.

FILE SAVE/LOAD OUT screen



USB DATA DEL tab

Menu name	Specification	
DELETE SELECT	Function	Display the name of the deletion source.
	Details	---
EXEC	Function	Delete the selected master from the USB flash drive.
	Details	The DELETE CHECK dialog appears.

SCALE INT. tab

Menu name	Specification	
DATA	Function	Display the master name.
	Details	Touch the button to change the selection.
EXEC	Function	Initialize the selected master.
	Details	The INITIALIZATION CHECK dialog appears to ask whether to initialize the master.

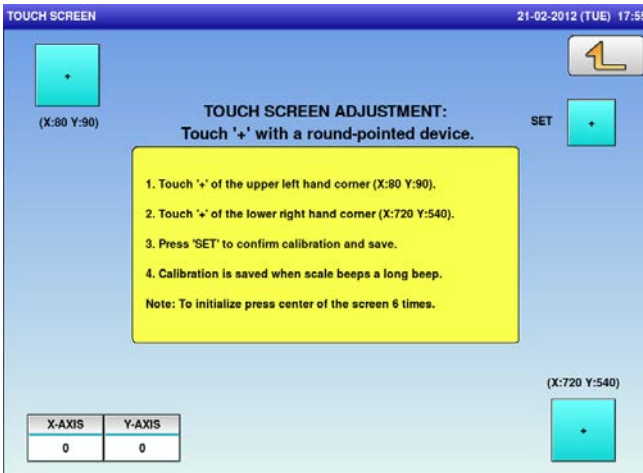
memo

ADJUSTMENT MODE

3.1 DATE TIME ADJUSTMENT

Menu name	Specification	
DATE	Function	Enter the date conforming to KEYIN LEN/DATE FORMAT.
	Details	If "21022013" is entered, "21-02-2013" is displayed. If "20" is entered, "20-02-2013" is displayed. If "2003" is entered, "20-03-2013" is displayed.
TIME	Function	Enter the time conforming to KEYIN LEN/TIME FORMAT.
	Details	If "00" is entered, "17:53:00" is displayed. If "2000" is entered, "17:20:00" is displayed. If "152000" is entered, "15:20:00" is displayed.
SET	Function	Set the entered date and time.
	Details	The CHECKING CLOCK SETTING dialog appears to ask whether to change the date and time.
JULIAN DATE	Function	Display the number of days counted from January 1.
	Details	---

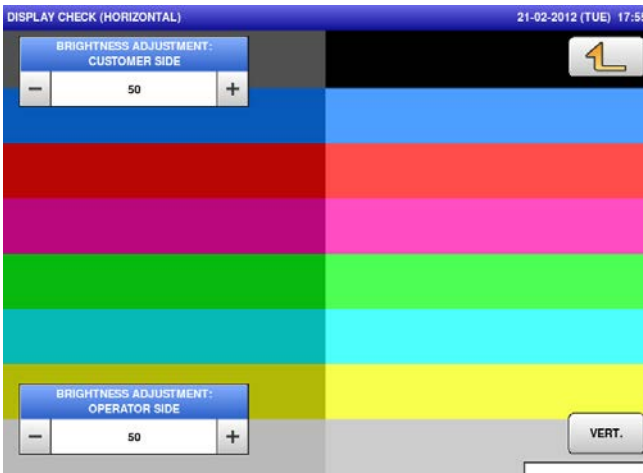
3.2 TOUCH SCREEN ADJUSTMENT



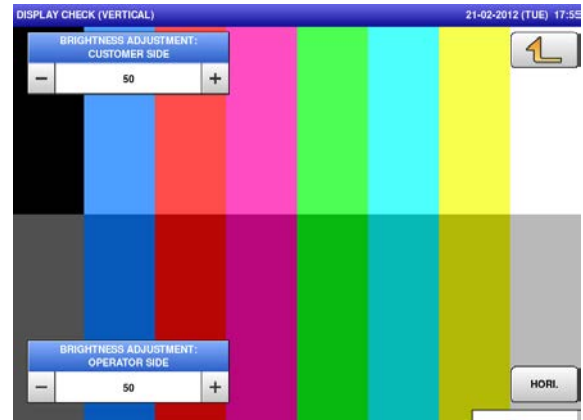
Menu name	Specification
	For initialization of touch panel, press center of the screen 6 times.

3.3 DISPLAY CHECK ADJUSTMENT

HORIZONTAL screen

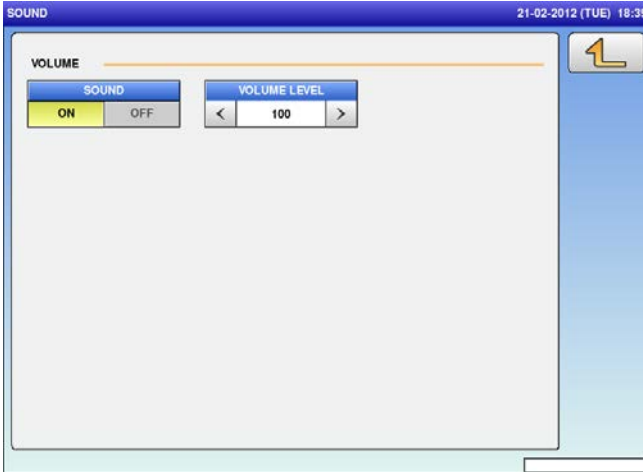


VERTICAL screen



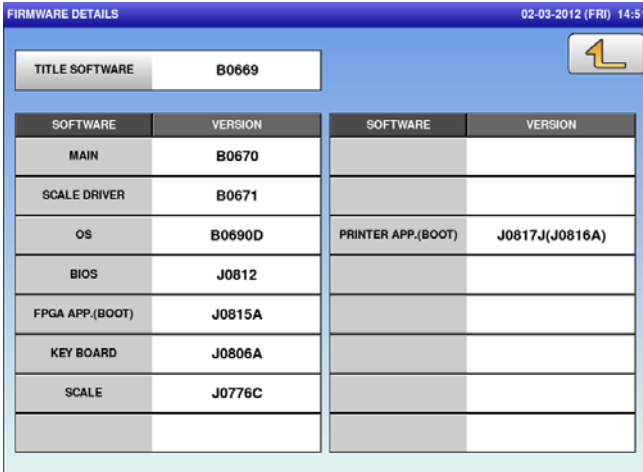
Menu name	Specification	
BRIGHTNESS ADJUSTMENT: CUSTOMER SIDE	Function	Adjust the brightness of customer-side display.
	Details	0 to 100
BRIGHTNESS ADJUSTMENT: OPERATOR SIDE	Function	Adjust the brightness of operator-side display.
	Details	0 to 100
VERT./HORI.	Function	Switch between the vertical and horizontal screen display.
	Details	---

3.4 SOUND ADJUSTMENT

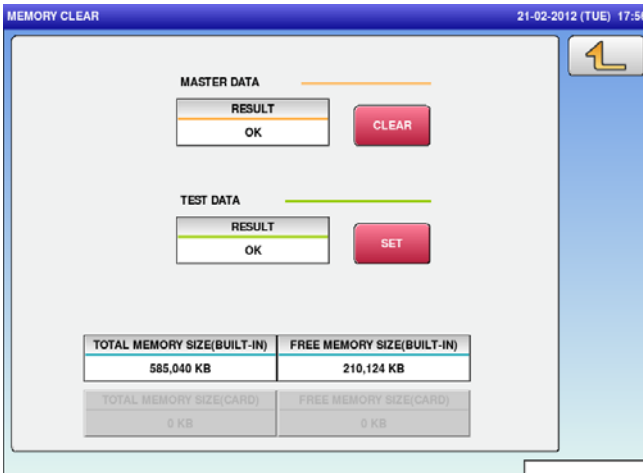


Menu name	Specification	
SOUND	Function	Switch between the sound ON and OFF.
	Details	---
VOLUME	Function	Adjust the volume.
	Details	0 to 100

3.5 FIRMWARE DETAILS



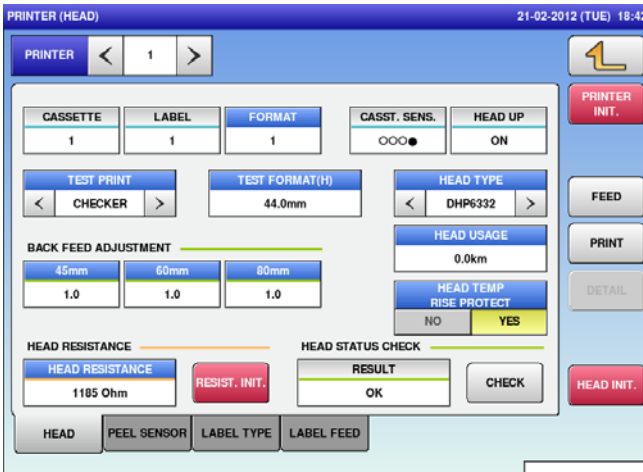
3.6 MEMORY CLEAR



Menu name	Specification	
CLEAR	Function	Clear all DB and initialize the system master.
	Details	The CHECK INITIALIZATION dialog (memory clear) appears to ask whether to clear the memory.
SET	Function	Set the initial data and initialize the system master.
	Details	The CHECK INITIALIZATION dialog (test data setting) appears to ask whether to set the test data. For Oceanian model, the password "951753" should be entered to set the test data.

3.7 PRINTER ADJUSTMENT

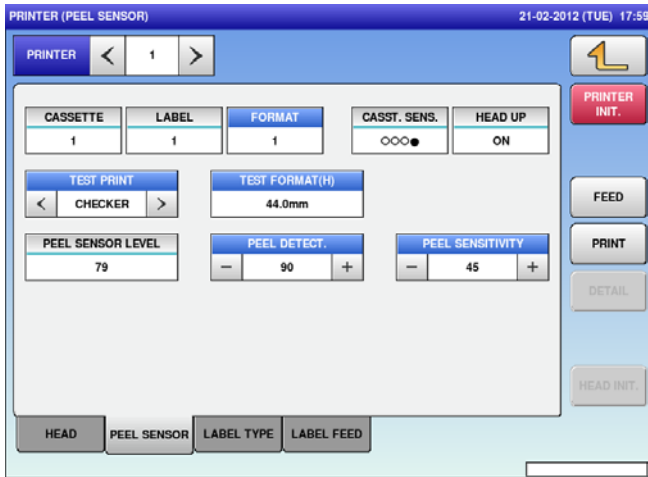
HEAD tab



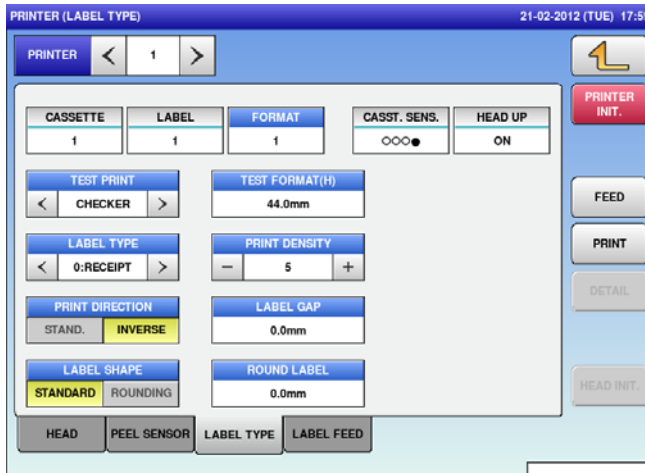
Menu name	Specification	
PRINTER	Function	Select the printer.
	Details	Only connected printer is displayed. The printer No. 1 is fixed in UNI-9.
FORMAT	Function	Set the format No. for the test print.
	Details	1 to 999 If there is no format, nothing is printed.

TEST PRINT	Function	Select CHECKER (checkered pattern) or NORMAL (normal pattern).
	Details	---
TEST FORMAT(H)	Function	Set the height of format directly.
	Details	0 to 9999
HEAD TYPE	Function	Select the head type.
	Details	BHE4256/DHP6332
BACK FEED ADJUSTMENT	Function	Adjust the back feed for each label length.
	Details	0 to 99
HEAD USAGE	Function	Set the head travel distance.
	Details	0 to 999
HEAD TEMP RISE PROTECT	Function	Select whether or not to protect the head in the case of its temperature rise.
	Details	---
HEAD RESISTANCE	Function	Set the head resistance.
	Details	0 to 9999
RESIST.INIT.	Function	Initialize the head resistance.
	Details	---
PRINTER INIT.	Function	Initialize the printer.
	Details	The CHECK INITIALIZATION dialog (printer initialization) appears to ask whether to initialize the printer. Other tabs also have the same function.
PRINT	Function	Execute the print.
	Details	Other tabs also have the same function.
FEED	Function	Execute the feed.
	Details	Other tabs also have the same function.
HEAD INIT.	Function	Initialize the thermal head.
	Details	The CHECK INITIALIZATION dialog (head initialization) appears to ask whether to initialize the thermal head.

PEEL SENSOR tab

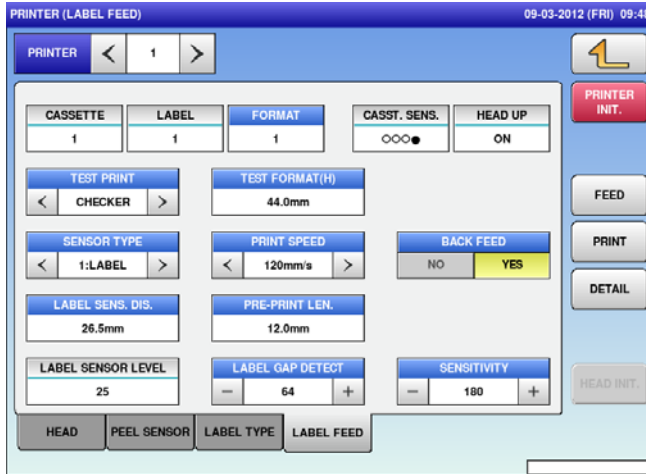


Menu name	Specification	
PEEL DETECT.	Function	Set the threshold value of peel-off sensor.
	Details	0 to 255
PEEL SENSITIVITY	Function	Set the sensitivity of peel-off sensor.
	Details	0 to 255
<p>Set the threshold depending on the PEEL SENSOR LEVEL at the time the backing paper remains on the sensor or not. (e.g. If the value at the time the backing paper remains is 180 and if the value at the time the backing paper does not remain is 80, the threshold is set to about 150.)</p>		

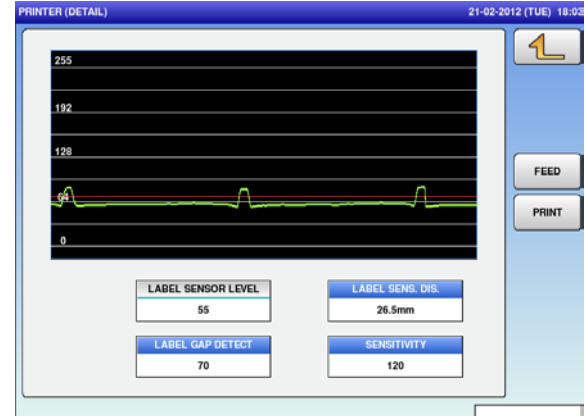
LABEL TYPE tab

Menu name	Specification	
LABEL TYPE	Function	Select the label type.
	Details	0:RECEIPT/1:130LA-1/3:150LA-1
PRINT DENSITY	Function	Adjust the print density.
	Details	0 to 9
PRINT DIRECTION	Function	Select the print direction.
	Details	STAND./INVERSE
LABEL GAP	Function	Set the label gap (the gap between labels).
	Details	0 to 999
LABEL SHAPE	Function	Select the label shape.
	Details	STANDARD/ROUNDING
ROUND LABEL	Function	Set the correction value of irregular-shaped label.
	Details	0 to 999

LABEL FEED tab



LABEL SENSOR DETAILS screen



Menu name	Specification	
SENSOR TYPE	Function	Set the sensor type.
	Details	0:NONE/1:LABEL/2:MARK
PRINT SPEED	Function	Set the print speed.
	Details	100mm/s / 120mm/s / 150mm/s
BACK FEED	Function	Select whether or not to set the back feed.
	Details	---
LABEL SENS.DIS.	Function	Set the label sensor distance.
	Details	0 to 9999
PRE-PRINT LEN.	Function	Set the pre-print length.
	Details	0 to 9999
LABEL GAP DETECT	Function	Set the label sensor threshold.
	Details	0 to 255
SENSITIVITY	Function	Set the label sensor sensitivity.
	Details	0 to 255
DETAIL	Function	Transfer to the label sensor details screen.
	Details	---
<p>Set the label sensor sensitivity so as not to exceed the peak value of label sensor. (e.g. If the label sensor peak is about 120, the threshold is set to about 100.)</p>		

3.8 CALIBRATION

CALIBRATION 02-03-2012 (FRI) 14:55

SETTING

CAPACITY: < 15kg > RANGE: SINGLE MULTI SPAN A/D: 75000 GRAVITATIONAL ACC.: 9.7970

SCALE DATA

A/D: 20000 CELL VOLTAGE: STATUS: 0100 0001

WGT. CONVERTED

WEIGHT A/D: 2 WEIGHT: 0,000 kg DATA DISPLAY: WEIGHT VOLTAGE

OTHERS

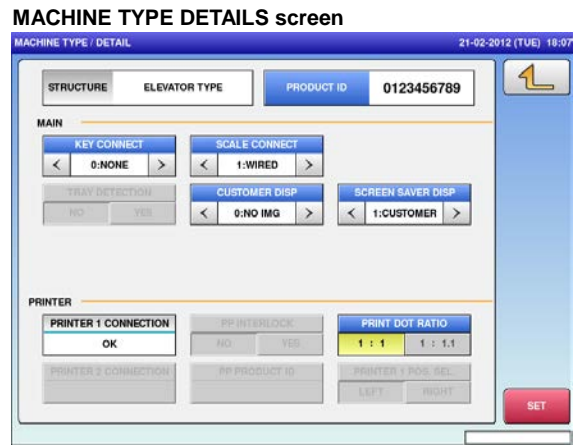
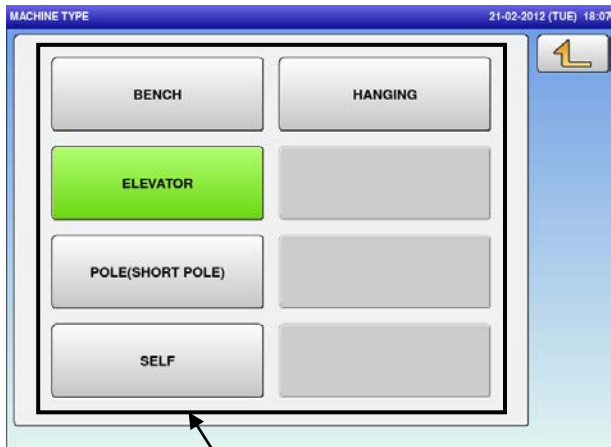
10715 2004 01003 002500 015001 0123456789

DIP SW : 00000000 0123456789 AUDIT LOG

Max 6kg/15kg Min 0.04kg e = 0.002kg/0.005kg T = -5.998kg

Menu name	Specification	
CAPACITY	Function	Set the capacity of the scale.
	Details	6000g/6kg/15kg/30kg/30lb
RANGE	Function	Select the range.
	Details	The range to be selected is limited depending on the capacity.
GRAVITATIONAL ACC.	Function	Set the gravitational acceleration.
	Details	97799 to 98300
DATA DISPLAY	Function	Select the A/D or cell voltage display.
	Details	---
AUDIT LOG	Function	Open the audit log screen.
	Details	The operation log related to the span adjustment and software securing such as software update is displayed.
INITIAL	Function	Initialize the scale.
	Details	The CHECK INITIALIZATION dialog appears to ask whether to initialize the scale.
ZERO	Function	Execute the zero adjustment.
	Details	---
SPAN	Function	Execute the span adjustment.
	Details	After adjusting the span, press the span button of scale side to store the span.
+	Function	Execute the fine adjustment (+).
	Details	---
-	Function	Execute the fine adjustment (-).
	Details	---

3.9 MACHINE TYPE ADJUSTMENT

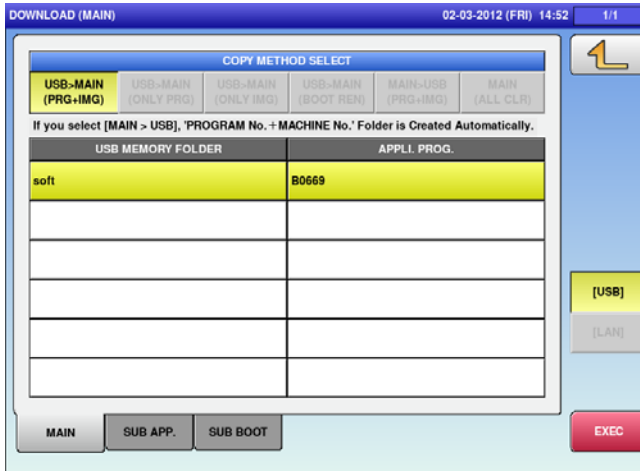


Open the machine type details screen.

Menu name	Specification	
PRODUCT ID	Function	Enter the product No.
	Details	0 to 9999999
KEY CONNECT	Function	Select the numeric keypad connection.
	Details	0:NONE/1:3x6/2:6x4
SCALE CONNECT	Function	Select the scale connection.
	Details	0:NONE/1:WIRED/2:WIRELESS
TRAY DETECTION	Function	Select whether or not to set the auto tray detection by self specification.
	Details	For Japanese model only
CUSTOMER DISP	Function	Select the display style for the customer-side display.
	Details	0:NO IMG/1:IMG This setting is enabled only for bench type or hanging type.
SCREEN SAVER DISP	Function	Select the screen saver display.
	Details	0:SHOP/1:CUSTOMER
PRINT DOT RATIO	Function	Set the print dot ratio.
	Details	1:1/1:1.1
SET	Function	Fix the changed settings.
	Details	The MACHINE SETTING CHANGES dialog appears to ask whether to fix the changed settings. The dialog appears when you close the screen.

3.10 DOWNLOAD

MAIN tab



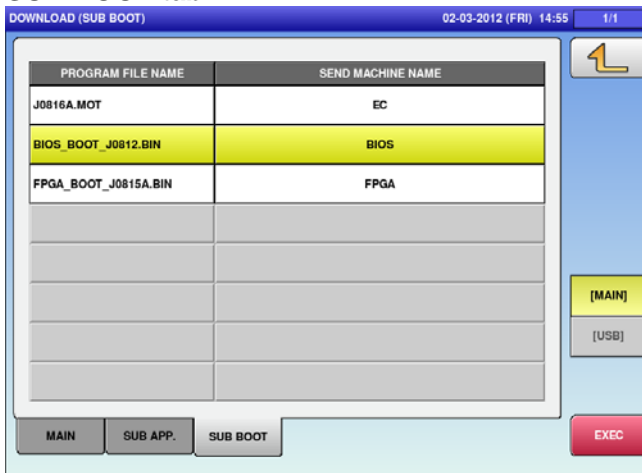
Menu name	Specification	
USB MEMORY FOLDER	Function	Touch this button to switch the selection.
	Details	---
APPLI.PROG.	Function	Touch this button to switch the selection.
	Details	---
USB/LAN	Function	Select where the program is downloaded from.
	Details	USB/LAN
EXEC	Function	Download the selected program.
	Details	The CHECK EXECUTION OF MAIN PROGRAM DOWNLOAD dialog appears to ask whether to download the program.
The function to select the copy method is removed.		

SUB APP. tab



Menu name	Specification	
PROGRAM FILE NAME	Function	Touch this button to switch the selections.
	Details	---
SEND MACHINE NAME	Function	Touch this button to switch the selections.
	Details	---
MAIN/USB	Function	Select where the program is downloaded from.
	Details	MAIN/USB
EXEC	Function	Download the selected program.
	Details	The CHECK FOR EXECUTION OF DEVICE MACHINE PROGRAM dialog appears to ask whether to download the program.

SUB BOOT tab

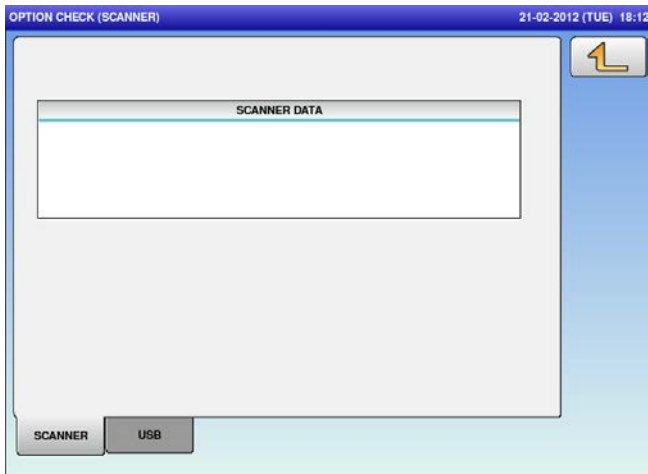


Menu name	Specification	
PROGRAM FILE NAME	Function	Touch this button to switch the selection.
	Details	---
SEND MACHINE NAME	Function	Touch this button to switch the selection.
	Details	---

MAIN/USB	Function	Select where the program is downloaded from.
	Details	MAIN/USB
EXEC	Function	Download the selected program.
	Details	The CHECK FOR EXECUTION OF DEVICE MACHINE PROGRAM dialog appears to ask whether to download the program.

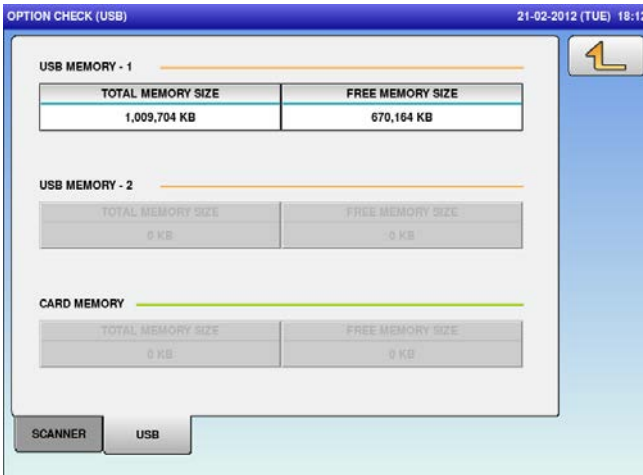
3.11 OPTION CHECK

SCANNER tab



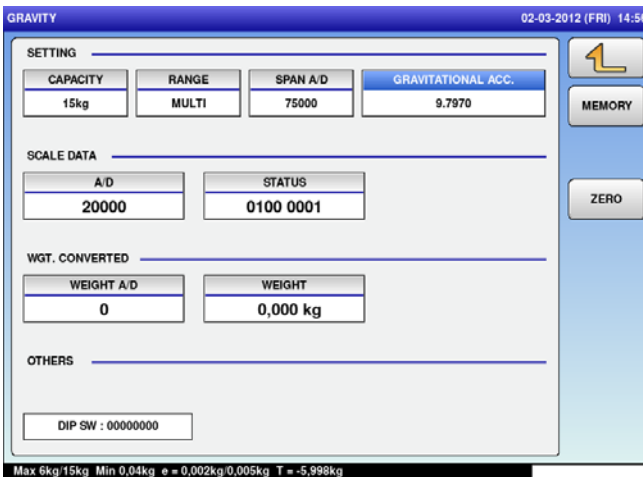
Menu name	Specification	
SCANNER DATA	Function	Display the scanned data.
	Details	---

USB tab



Menu name	Specification	
USB MEMORY-1	Function	Display the information of connected USB memory.
	Details	---
USB MEMORY-2	Function	Display the information of connected USB memory.
	Details	---
CARD MEMORY	Function	Display the information of connected SD card memory.
	Details	---

3.12 GRAVITY ADJUSTMENT



Menu name	Specification	
CAPACITY	Function	The capacity of the scale cannot be changed in this screen.
	Details	---
RANGE	Function	The range cannot be changed in this screen.
	Details	---
GRAVITATIONAL	Function	Set the gravitational acceleration.

ACC.		
	Details	97799 to 98300
MEMORY	Function	Store the changed gravitational acceleration on the scale board.
	Details	Only when the memory DIP switch installed on the scale board is turned on, the changed gravitational acceleration can be stored without pressing the span button of the scale.



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230 W. Coleman St. • Rice Lake, WI 54868 • USA
U.S. 800-472-6703 • Canada/Mexico 800-321-6703 • International 715-234-9171 • Europe +31 (0)26 472 1319