

Ishida Uni-3

*Price Computing Scale
With Printer*

Operation Manual



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Rice Lake continually offers web-based video training on a growing selection of product-related topics at no cost. Visit www.ricelake.com/webinars

1.0 Introduction

Please leave this manual with the scale when installation and configuration are complete.



Manuals are available for viewing and/or downloading from the Rice Lake Weighing Systems website at

www.ricelake.com/manuals

Warranty information can be found on the website at www.ricelake.com/warranties

1.1 Safety

Safety Signal Definitions:



Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. Includes hazards that are exposed when guards are removed.



Indicates a potentially hazardous situation that, if not avoided, could result in serious injury or death. Includes hazards that are exposed when guards are removed.



Indicates a potentially hazardous situation that, if not avoided, could result in minor or moderate injury.



Indicates information about procedures that, if not observed, could result in damage to equipment or corruption to and loss of data.

General Safety



Do not operate or work on this equipment unless this manual has been read and all instructions are understood. Failure to follow the instructions or heed the warnings could result in injury or death. Contact any Rice Lake Weighing Systems dealer for replacement manuals.



Failure to heed could result in serious injury or death.

Do not allow minors (children) or inexperienced persons to operate this unit.

Do not operate without all shields and guards in place.

Always use a dedicated power supply with rated voltage.

Do not use for purposes other than weight taking.

Do not place fingers into slots or possible pinch points.

Do not use this product if any of the components are cracked.

Do not exceed the rated load limit of the unit.

Do not remove or obscure warning labels.

Before opening the unit, ensure the power cord is disconnected from the outlet.

Do not allow water or any liquids to come into contact with the scale.

Do not drop or apply shock to the scale.

Do not disassemble, modify or attempt to repair the scale.

Carefully grasp the base of the scale when moving it. DO NOT grasp the connector cover, operation panel, weigh platter or pole type display.

Handle with care when removing or inserting the cassette.



1.2 Overview

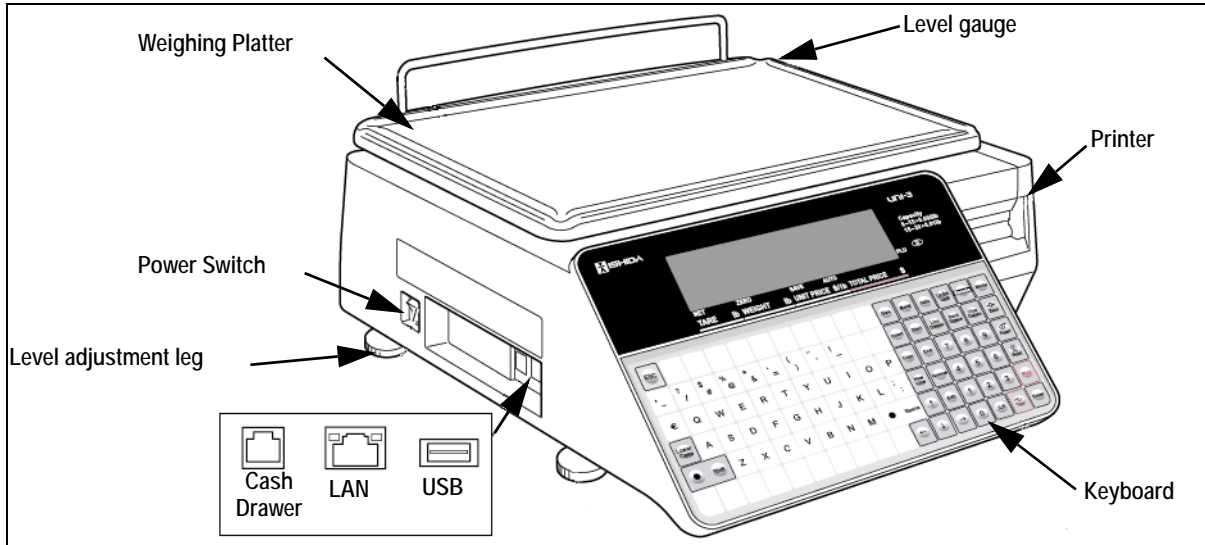


Figure 1-1. Uni-3 Part Names (Bench Type Pictured)

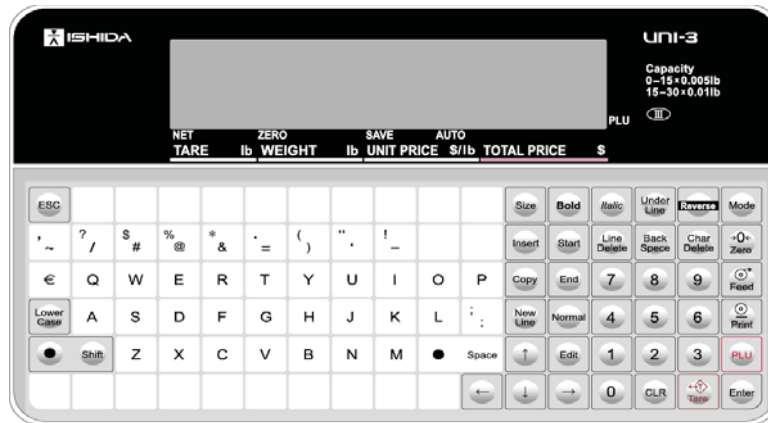


Figure 1-2. Operation Panel

Key	Description	Key	Description
	Used to delete an entered numerical value.		Used to call Menu Select display.
	Used to call a registered product data.		Used to move left.
	Used to feed labels.		Used to move right.
	Used to issue a label.		Used to move up.
	Used to enter tare weight.		Used to move down.
	Used to reset a weight to zero.		Used to escape from the current mode.

Table 1-1. Preset Keys

1.3 Menu Navigation

Enter the Mode number and press the **Mode** key to enter any mode. To exit the mode, press the **Mode** key.

Use the **Up** and **Down** arrow keys to select a parameter within the menu. Press the **Enter** key to enter the parameter. Use the **Up** and **Down** arrow keys to move through the menu options. Use the **Left** and **Right** arrow keys to scroll through the choices of each parameter. Enter the choice number and press **Enter** to select the desired choice.

Program 9000		Setup 6000		Adjustment 4000		Operation 2000		Total 8000	
P01	PLU	B01	Machine No.	C01	Date/Time	S01	Sales	F01	Sales Daily Total
P02	Campaign	B02	Sales Mode	C03	Display Check	S06	Total Adjust	F02	Sales Weekly Total
P03	Operators	B03	Password	C05	Firmware Details	S07	POS Function	F03	Sales Cumulative Total
P04	Preset Keys	B05	Data Storage					F05	Product Daily Total
P05	Ad Message	B06	Preset Report					F06	Product Weekly Total
P06	Store	B07	PLU Overwrite					F07	Product Cumulative Total
P07	Department	B08	PLU Initial Data					F09	Preset Report
P08	Group	B10	Receipt Setting					F10	POS Report
P09	Cook Time	B29	Tax					F11	Drawer Report
P10	Nutrition							F12	Total Clear
P11- P13	Extra Message 1-3								
P14	Coupon Message								
P15	POP message								
P19	Lookup Table								
P21	Fix Price Symbol								
P22- P36	Free Message 1-15								
P37	Check Label								
P38	Stamp Price								

Table 1-2. Menu Navigation

2.0 Setup

2.1 Setup Mode

Enter **6000** and press the **Mode** key to enter the Setup mode menu. To exit the Setup mode, press the **Mode** key.

Setup Mode Main Menu Screen

```
< B00 SETUP >
< b00 SETUP >
```

The Setup Mode for this device includes the following parameters:

- B01 Machine No. (Comms)
- B02 Sales Mode
- B03 Password
- B05 Data Storage
- B06 Preset Report
- B07 PLU Overwrite
- B08 PLU Initial Data
- B10 Receipt Setting
- B29 Tax

Use the **Up** and **Down** arrow keys to select a parameter within the Setup menu. Press the **Enter** key to enter the parameter. Use the **Up** and **Down** arrow keys to move through the menu options. Use the **Left** and **Right** Arrow keys to scroll through the choices of each parameter. Enter the choice number and press **Enter** to select the desired choice.

Example:

- From the setup mode main menu screen, press the down arrow twice to scroll to **B02 SALES MODE**.

```
B02 SALES MODE
b02 SALES MODE
```

- Press **Enter** to enter **B02-01 SALES MODE**.
- Press the **Right** arrow to view the available options from **1: NO OPERATOR** to **6: CR FIXED OPERATOR**.

```
*SLS MD → 1:NO OPERATOR
b02-01 SALES MODE 1
```

- To change the current setting, press the appropriate numeric key.
Example:
Press 2, then press Enter to select 2: WITH OPERATOR.

```
*SLS MD → 2:WITH OPERATOR
b02-01 SALES MODE 1
```

- Press **Mode** to return to the main step **B02 SALES MODE**.
- Exit the setup mode by pressing **Mode** again.

2.1.1 B01-Machine Number

Allows user to change the machine and network number of the scale.

```
B01 MACHINE No. [COMMS]
b01 MACH INE NO [COMMS]
```

Parameter	Display	Description	Choices
B01-01 Basic	B01-01-04 Machine Number	Machine Number	1-99
	B01-01-05 Network Number	Network Number	--

Table 2-1. B01 Machine Number Parameters



2.1.2 B02-Sales Mode

Allows user to set the sales mode of the scale.

```
B02 SALES MODE
b02 SALES MODE
```

Parameter	Display	Description	Choices
B02-01 Sales Mode	SLS MD	Select sales mode. Use modes 1 and 2 for typical supermarket installations. Use modes 3-6 for cash register installations.	1: NO OPERATOR Issue labels using the Print key. 2: WITH OPERATOR Issue labels using Operator keys. 3: CR EACH SUBTOTAL When executing CR with labels, issue label for each individual item and issue statement label when settling accounts 4: CR SUBTOTAL ONLY Issue label only when settling accounts or issue receipt 5: CR FIXED OPERATOR Sales mode for fixed operator

Table 2-2. B02 Sales Mode Parameters

2.1.3 B03-Password

Set a password and specify which *open* menu steps are protected by it. It is strongly recommended all Setup menu items (40xx) be protected.

```
B03 PASSWORD
b03 PASS'W'rd
```

Parameter	Display	Description	Choices
B03-01 Password	*PASSWORD 000000 [ZERO]	Specify the password that will be used for all the items listed in Table 2-4 . Enter a password then press the Zero key. If it is less than 6-digits, enter leading zeros. Example: 001234.	--

Table 2-3. B03 Password Parameters

Example: B03-2010

Use the arrow keys to select a menu in which the password set in B03-01 is used. Press 1 for *use* (to require a password) and 2 for *no use*, (when a password is not required) followed by the Enter key.

```
*2010 TTL CLR -2:NO USE
b03-20 10 ttl clr 2
```

 **Note** Some menus are not displayed depending on the setting.

1002	TTL ADJ
1008	POS FUNC
2001	SLS D TTL
2002	SLS W TTL
2003	SLS C TTL
2005	P D TTL
2006	P W TTL
2007	P C TTL
2009	PRST REP
2010	TTL CLR
2015	POS REP
2016	DRAW REP
3001	PLU
3002	CAMPAIGN
3003	STORE
3004	PRST KEY
3005	AD MSG
3006	OPERATORS
3008	XTRA MSG1
3009	XTRA MSG2
3010	XTRA MSG3
3011	COUPON MSG
3012	DEPT
3013	GROUP
3014	POP MSG
3015	CHK LBL
3018	LUKUP TBL
3019	COOK TIME
3020	FREEMSG01
3021	FREEMSG02
3022	FREEMSG03
3023	FREEMSG04
3024	FREEMSG05
3025	FREEMSG06
3026	FREEMSG07
3027	FREEMSG08
3028	FREEMSG09
3029	FREEMSG10
3030	FREEMSG11
3031	FREEMSG12
3032	FREEMSG13
3033	FREEMSG14
3034	FREEMSG15
3035	F/P SYM
3036	MINCE TRCB
3039	STMPPRICE
4001	SLS MODE
4002	M/C No.
4003	PASSWORD
4005	DATA STOR.
4006	PLU OVR
4007	PLU IDATA
4021	RCPT SET
4026	PRST REP
4029	TAX
5001	DATE TIME
5003	DISP.CHK
5005	FIRM DETL

Table 2-4. B03 Password Menu Options

2.1.4 B05-Data Storage

Allows user to determine what type of totals to store for user reference.

B05 DATA STORAGE
b05 dAtA StOrAgE

Parameter	Display	Description	Choices
B05-01 Total Add	B05-01-01 Daily Total	Select if the Daily Total accumulator is enabled.	1: NON ADD 2: ADD
	B05-01-02 Weekly Total	Select if the Weekly Total accumulator is enabled.	
	B05-01-03 Cumulative Total	Select if the Cumulative Total accumulator is enabled.	
	B05-01-04 Time Total	Select if the Hourly Total accumulator is enabled.	
	B05-01-05 Operator Total	Select if the Operator Total accumulator is enabled.	
	B05-01-09 CR Production Total	Select if the CR Production Total accumulator is enabled.	
	B05-01-10 Rewrap Total	Select if the Rewrap Total accumulator is enabled.	
	B05-01-11 POS Function Total	Select if the POS Total accumulator is enabled.	

Table 2-5. B05 Data Storage Parameters

2.1.5 B06-Preset Report

Selects the specific reports the manager desires to print at the scale. If the Preset Reports option is selected in total mode, all designated reports print consecutively.

B06 PRESET REPORT
b06 PrESEt rEPOrt

Parameter	Display	Display Explanation	Choices
B06-01 Preset Report (Daily)	B06-01-01 P D T TOTAL	Product Daily Total (Total)	1: NO PRINT 2: PRINT
	B06-01-02 P D T HOUR	Product Daily Total (Hour)	
	B06-01-03 P D T DEPT	Product Daily Total (Department)	
	B06-01-04 P D T GROUP	Product Daily Total (Group)	
	B06-01-05 P D T OPER	Product Daily Total (Operator)	
	B06-01-06 PLU ABC-1	Product Daily Total PLU (ABC)	
	B06-01-07 PLU ABC-2	Product Daily Total Price (ABC)	
	B06-01-08 PLU ABC-3	Product Daily Total Weight (ABC)	
	B06-01-09 PLU ABC-4	Product Daily Total Pieces (ABC)	
	B06-01-10 PLU Z-2	Product Daily Total Price (Z)	
	B06-01-11 PLU Z-3	Product Daily Total Weight (Z)	
	B06-01-12 PLU Z-4	Product Daily Total Pieces (Z)	
	B06-01-13 DEPT ABC-1	Product Daily Total PLU (ABC) (DEPARTMENT)	
	B06-01-14 DEPT ABC-2	Product Daily Total Price (ABC) (DEPARTMENT)	
	B06-01-15 DEPT ABC-3	Product Daily Total Weight (ABC) (DEPARTMENT)	
	B06-01-16 DEPT ABC-4	Product Daily Total Pieces (ABC) (DEPARTMENT)	
	B06-01-17 DEPT Z-2	Product Daily Total Price (Z) (DEPARTMENT)	
	B06-01-18 DEPT Z-3	Product Daily Total Weight (Z) (DEPARTMENT)	
	B06-01-19 DEPT Z-4	Product Daily Total Pieces (Z) (DEPARTMENT)	
	B06-01-20 GROUP ABC-1	Product Daily Total PLU (ABC) (GROUP)	
	B06-01-21 GROUP ABC-2	Product Daily Total Price (ABC) (GROUP)	
	B06-01-22 GROUP ABC-3	Product Daily Total Weight (ABC) (GROUP)	
	B06-01-23 GROUP ABC-4	Product Daily Total Pieces (ABC) (GROUP)	
	B06-01-24 GROUP Z-2	Product Daily Total Price (Z) (GROUP)	

Table 2-6. B06 Preset Report Parameters

Parameter	Display	Display Explanation	Choices
B06-01 Preset Report (Daily)	B06-01-25 GROUP Z-3	Product Daily Total Weight (Z) (GROUP)	1: NO PRINT 2: PRINT
	B06-01-26 GROUP Z-4	Product Daily Total Pieces (Z) (GROUP)	
	B06-01-27 P D T ACC1	Daily Total (ACC1)	
	B06-01-28 P D T ACC2	Daily Total (ACC2)	
	B06-01-29 P D T ACC3	Daily Total (ACC3)	
	B06-01-30 P D T REWRP	Daily Total (REWRAP)	
	B06-01-31 P D T PROMO	Daily Total (PROMOTION)	
B06-02 Preset Report (Weekly)	B06-02-01 P W T TOTAL	Product Weekly Total (Week)	1: NO PRINT 2: PRINT
	B06-02-02 P W T HOUR	Product Weekly Total (Hour)	
B06-03 Preset Report (Cumulative)	B06-03-01 *P C T TOTAL	Product Cumulative Total (Total)	1: NO PRINT 2: PRINT
	B06-03-02 *P C T HOUR	Product Cumulative Total (Hour)	
	B06-03-03 *P C T DEPT	Product Cumulative Total (Department)	
	B06-03-04 *P C T GROUP	Product Cumulative Total (Group)	
	B06-03-05 *P C T OPER	Product Cumulative Total (Operator)	
	B06-03-06 *PLU ABC-1	Product Cumulative Total PLU (ABC)	
	B06-03-07 *PLU ABC-2	Product Cumulative Total Price (ABC)	
	B06-03-08 *PLU ABC-3	Product Cumulative Total Weight (ABC)	
	B06-03-09 *PLU ABC-4	Product Cumulative Total Pieces (ABC)	
	B06-03-10 *PLU Z-2	Product Cumulative Total Price (Z)	
	B06-03-11 *PLU Z-3	Product Cumulative Total Weight (Z)	
	B06-03-12 *PLU Z-4	Product Cumulative Total Pieces (Z)	
	B06-03-13 *DEPT ABC-1	Product Cumulative Total PLU (ABC) (DEPT)	
	B06-03-14 *DEPT ABC-2	Product Cumulative Total Price (ABC) (DEPT)	
	B06-03-15 *DEPT ABC-3	Product Cumulative Total Weight (ABC) (DEPT)	
	B06-03-16 *DEPT ABC-4	Product Cumulative Total Pieces (ABC) (DEPT)	
	B06-03-17 *DEPT Z-2	Product Cumulative Total Price (Z) (DEPT)	
	B06-03-18 *DEPT Z-3	Product Cumulative Total Weight (Z) (DEPT)	
	B06-03-19 *DEPT Z-4	Product Cumulative Total Pieces (Z) (DEPT)	
	B06-03-20 *GROUP ABC-1	Product Cumulative Total PLU (ABC) (GROUP)	
	B06-03-21 *GROUP ABC-2	Product Cumulative Total Price (ABC) (GROUP)	
	B06-03-22 *GROUP ABC-3	Product Cumulative Total Weight (ABC) (GROUP)	
	B06-03-23 *GROUP ABC-4	Product Cumulative Total Pieces (ABC) (GROUP)	
	B06-03-24 *GROUP Z-2	Product Cumulative Total Price (Z) (GROUP)	
	B06-03-25 *GROUP Z-3	Product Cumulative Total Weight (Z) (GROUP)	
	B06-03-26 *GROUP Z-4	Product Cumulative Total Pieces (Z) (GROUP)	

Table 2-6. B06 Preset Report Parameters (Continued)

2.1.6 B07-PLU Overwrite

Specify how temporary changes made by the operator are processed. A selection of "Yes" will overwrite the original setting in the PLU.



Parameter	Display	Description	Choices
B07 PLU Overwrite	B07-01 Unit Price/Fixed Price	Select if a price change is saved.	1: YES 2: NO
	B07-02 Markdown Mode: M/D Amount	Select if a markdown is saved.	
	B07-03 Unit Type: Quantity	Select if a change of the number of pieces is saved.	
	B07-04 Fixed Weight	Select if a change of fixed bakery weight is saved.	
	B07-05 Pack Date/Time	Select if a pack date or pack time change is saved.	
	B07-06 Sell By Date/Time	Select if a sell by date or sell by time change is saved.	
	B07-08 Tare	Select if a tare weight change is saved.	
	B07-09 — B07-11 Extra Message 1-3	Select if a different extra message is linked to the PLU.	
	B07-13 Coupon Message	Select if a different coupon message is linked to the PLU.	
	B07-14 POP Message	Select if a different POP message is linked to the PLU.	
	B07-15 — B07-29 Free Message 1-15	Select if a different free message is linked to the PLU.	
	B07-30 — B07-32 Image 1-3	Select if a different logo image is linked to the PLU.	
	B07-34 SH. Image Flag	Select if a change to the safe handling image print status is saved.	
	B07-35 First Label Format No.	Select if a label format change is saved.	
	B07-36 Second Label Format No.	Select if a second label format change is saved.	
	B07-38 Target	Select if a different target value is assigned to the PLU.	
B07-43 Use by Date	Select if a use by date change is saved.		

Table 2-7. B07 PLU Overwrite Parameters

2.1.7 B08-PLU Initial Data

Specify the default values for any new PLU. When a new PLU is programmed the initial data automatically populates the fields. This speeds up PLU programming by setting the customer's standard values. The initial data values can be changed as needed during PLU programming.

```
B08 PLU INITIAL DATA
b08 PLU i n i t i a L d A t A
```

Parameter	Display	Description	Choices
B08-01 Sales 1	B08-01-01 Sales Mode	Enter the mode number. Press Enter to select a desired sales mode.	0: WEIGHT 1: FIX PRICE 2: WGT+F.P. 3: CASE WGT
	B08-01-02 Markdown Mode	Enter the mode number. Press Enter to select a desired markdown mode.	0: NORMAL 1: SPECIAL 2: -\$ 3: -% 4: SPEC. U/P 5: U/P -\$ 6: U/P -%
	B08-01-03 Open Price	Enter the mode number. Press Enter to select whether or not to allow an open price system.	0: YES 1: NO
	B08-01-04 Unit Price	Enter the unit or fixed price. Press Enter .	0.00-999.99
	B08-01-05 Markdown Amount	Not available when B08-01-02 Markdown Mode is set to 0:NORMAL.	0.0 - 99.9 (%) 0.00 - 999.99 (\$)
	B08-01-07 Unit Type	Only available when B08-01-01 Sales Mode is set to 1: Fix Price or 2: WGT F/PRI.	0 - 16
	B08-01-08 Tax	Enter a numeric value. Press Enter .	0 - 9
	B08-01-09 Fixed Weight	Only available when B08-01-01 Sales Mode is set to 1: Fix Price.	0 - 999
	B08-01-10 Tare Weight	Enter tare weight. Press Enter .	0.000 - 9.990 (lb)
	B08-01-14 Lower Weight	Enter the lower weight limit. Press Enter .	0.000 - 30.000 (lb)
B08-01-15 Upper Weight	Enter the upper weight limit. Press Enter .	0.000 - 30.000 (lb)	
B08-02 Sales 2	B08-02-06 Point Flag	Enter the mode number. Press Enter to select whether or not to use the point flag.	1: ON 0: OFF
	B08-02-07 Point Type	Enter the mode number. Press Enter to select the desired point type.	0: WGT 1: PCS
	B08-02-08 Points	Enter a desired number. Press Enter .	0 - 99999
B08-03 Message	B08-03-01 Nutrition Panel	Nutrition facts programmed in the P10 Nutrition Program Menu.	0 - 999999
	B08-03-02 — B08-03-4 Extra Message 1-3	Extra messages programmed in the P11 Extra Message Program Menu.	0 - 999999
	B08-03-05 Coupon Message	Coupon message programmed in the P14 Coupon Message Program Menu.	0 - 999999
	B08-03-06 POP Message	POP message programmed in the P15 POP Message Program Menu.	0 - 999999
	B08-03-07 Cook Time	Cook time programmed in the P09 Cook Time Program Menu.	0 - 9999
	B08-03-08 — B08-03-22 Free Message 1-15	Free messages programmed in the P22 Free Message Program Menu.	0 - 999999
B08-03-23 Nutrition Text	Nutritional panel footer text programmed through the SLP-5 software.	0 - 999999	
B08-04 Image	B08-04-01 — B08-04-03 Image 1-3	Enter the number of the logo image that will print on the label. Press Enter .	0 - 999
	B08-04-05 SH. Image	Set as 0. The Safe Handling image is set in the label format.	0 - 999
	B08-04-06 SH. Image Print	Enter the mode number. Press Enter to select whether or not to print the Safe Handling Image.	1: NO PRINT 2: PRINT

Table 2-8. B08 PLU Initial Data Parameters

Parameter	Display	Description	Choices
B08-05 Print	B08-05-01 First Label Format (Manual Print)	Enter the desired format number. Press Enter .	0 - 999
	B08-05-02 Second Label Format	Enter the desired format number. Press Enter .	0 - 999
	B08-05-03 First Label Format (Auto Print)	Enter the desired format number. Press Enter .	0 - 999
	B08-05-04 First Label Print	Enter the mode number. Press Enter to select whether or not to print the first label.	1: YES 2: NO
	B08-05-05 Second Label Print	Enter the mode number. Press Enter to select whether or not to print the second label.	1: YES 2: NO
B08-06 Date	B08-06-01 Pack Date Print	Enter the mode number. Press Enter to select whether or not to print the pack date.	1: YES 2: NO
	B08-06-02 Pack Time Print	Enter the mode number. Press Enter to select the desired pack time printing method.	0: NO PRINT 1: DESIGNATE 2: CLOCK
	B08-06-03 Pack Time Data	Set Pack Time in HH:MM. Only available when B08-06-02 is set to 1: DESIGNATE.	
	B08-06-04 Sell By Date Print	Enter the mode number. Press Enter to select whether or not to print the sell by date.	1: YES 2: NO
	B08-06-05 Sell By Time Print	Enter the mode number. Press Enter to select the desired sell by time printing method.	0: NO PRINT 1: DESIGNATE 2: RELATIVE
	B08-06-06 Sell By Time Data	Enter the designated time or number of minutes and press Enter . Data format is based on B08-06-05 Sell By Time Print setting.	00:00 - 23:59 (Designate) 0-1439 (Relative [min])
	B08-06-07 Shelf Life Days	Enter the number of days and press Enter .	0-1439 (Relative [min])
	B08-06-08 Use By Date Print	Enter the mode number. Press Enter to select whether or not to print the use by date.	1: YES 2: NO
	B08-06-09 Use By Date Data	Press Enter to select whether or not to print the use by date. Availability is based on B08-06-08 Use by Date Print.	0 - 9999
B08-07 Code	B08-07-01 Item Code	Enter an item code. Press Enter .	0 - 99999999
	B08-07-02 Register Code	Enter the register code. Press Enter .	0 - 9999
	B08-07-03 POS Flag	Ability to change the data is based on the B08-07-05 POS Reference.	0 - 99 (02)
	B08-07-04 Barcode	Enter a barcode number. Press Enter .	0 - 99999999999999
	B08-07-05 POS Reference	Enter the mode number. Press Enter to select the desired reference method.	0: REFER 1: PLU FILE

Table 2-8. B08 PLU Initial Data Parameters (Continued)



Parameter	Display	Description	Choices
B08-07 Code	B08-07-06 Barcode Type	Enter the desired bar code type number. Press Enter .	0: REFER 1: EAN/UPC 13 2: EAN/UPC 8 3: 10 DIGITS 13 4: 5 DIGITS 8 5: GS1 6: GS1 ST 7: GS1 STO 8: GS1 LIMITED 9: GS1 EXPANDED 10: ITF 11: CODE 128 12: EAN 128
	B08-07-07 POS Format	Enter desired barcode format number. Press Enter . C: Product Code F: Flag P: Price Q: Quantity of Pieces W: Weight 0: Fixed Zero I: Item Code d: Check Digit p: Price Check Digit q: Quantity Check Digit w: Weight Check Digit	0: REFER 1: F2C5pP4d 2: F2C6P4d 3: F1C6pP4d 4: F2C5P5d 5: F1C6P5d 6: F2C4pP5d 7: F2C6W4d 8: F1C6W5d 9: F1C5I6d 10: F2C6P4d 11: F2C6W4d 12: F2C4wW5d 15: F2C50P4d 16: F2C5W5d 17: F2C5P5/10d 18: F2C5pP4/10d 19: F2C5wW4d 20: F1C5P6d 21: F2C4P6d 22: F1C3W4P4d 23: F2C4Q2P4d 24: F1I6P5d 25: F2I6P4d 26: F1C4P7d 27: F1I6P5/10d 28: F2I6P4/10d 29: F1C6P5/10d 30: F2C6P4/10d 31: F2C5Q5d 34: F2S1R3pP5d 35: F2S1C3pP5d 36: F102C4P5d 37: F2C5pP4d 38: F202C3P5d 39: F202C3W5d 40: F2C5P5d 41: F2C4wqWQ5d 42: --- 43: F2C5WQ5d 44: F1C7WQ4d
	B08-07-08 Trace Enable	--	1: YES 2: NO
	B08-07-10 Department Number	Enter desired department number. Press Enter .	0 - 9 (3)
	B08-07-11 Group Number	Enter desired group number. Press Enter .	0 - 99 (45)
B08-08 Link	B08-08-01 Link PLU No.	--	0

Table 2-8. B08 PLU Initial Data Parameters (Continued)

2.1.8 B10-Receipt Setting

Specify the receipt setting when the Uni-3 is configured for CR mode.

```
B10 RECEIPT SETTING
b10 rECEI Pt SEtting
```

Parameter	Display	Description	Choices
B10-01 Title	B10-01-01 Header Text	Enter header text to print on receipt.	
	B10-01-02 Footer Text	Enter footer text to print on receipt.	
	B10-01-03 Header Logo	Specify logo image number for header.	0 - 999 (8)
	B10-01-04 Footer Logo	Specify logo image number for footer.	0 - 999 - (11)

Table 2-9. B10 Receipt Setting Parameters

2.1.9 B29-Tax

Set the tax rates to be used when the Uni-3 is configured in Cash Register mode. Up to 10 tax rates and types can be set. Each PLU may be programmed to use a different tax rate and type. Tax rates can be set from 0% to 99.99%.

```
B29 TAX
b29 tAx
```

Display	Description	Choices
B29-00 TAX0 Type	Tax Type	1: EXCLUDED 2: INCLUDED 3: EXEMPT
B29-00 TAX0 Rate	Tax Rate	0-99.99%
B29-01 TAX1 Type	Tax Type	1: EXCLUDED 2: INCLUDED 3: EXEMPT
B29-01 TAX1 Rate	Tax Rate	0-99.99%
B29-02 TAX2 Type	Tax Type	1: EXCLUDED 2: INCLUDED 3: EXEMPT
B29-02 TAX2 Rate	Tax Rate	0-99.99%
B29-03 TAX3 Type	Tax Type	1: EXCLUDED 2: INCLUDED 3: EXEMPT
B29-03 TAX3 Rate	Tax Rate	0-99.99%
B29-04 TAX4 Type	Tax Type	1: EXCLUDED 2: INCLUDED 3: EXEMPT
B29-04 TAX4 Rate	Tax Rate	0-99.99%
B29-05 TAX5 Type	Tax Type	1: EXCLUDED 2: INCLUDED 3: EXEMPT
B29-05 TAX5 Rate	Tax Rate	0-99.99%
B29-06 TAX6 Type	Tax Type	1: EXCLUDED 2: INCLUDED 3: EXEMPT
B29-06 TAX6 Rate	Tax Rate	0-99.99%
B29-07 TAX7 Type	Tax Type	1: EXCLUDED 2: INCLUDED 3: EXEMPT
B29-07 TAX7 Rate	Tax Rate	0-99.99%
B29-08 TAX8 Type	Tax Type	1: EXCLUDED 2: INCLUDED 3: EXEMPT

Table 2-10. B29 Tax Parameters

Display	Description	Choices
B29-08 TAX8 Rate	Tax Rate	0-99.99%
B29-09 TAX9 Type	Tax Type	1: EXCLUDED 2: INCLUDED 3: EXEMPT
B29-09 TAX9 Rate	Tax Rate	0-99.99%

Table 2-10. B29 Tax Parameters (Continued)

2.2 Adjustment Mode

Enter **4000** and press **Mode** to enter the Adjustment mode menu. To exit the Adjustment mode, press **Mode**.

Adjustment Mode Main Menu Screen

The Adjustment mode for this device includes the following parameters:

- C01 Date Time
- C03 Display Check
- C05 Firmware Details

```
< COO ADJUST >
[ COO ADJUST ]
```

Use the **Up** and **Down** arrow keys to select a parameter within the Adjustment menu. Press the **Enter** key to enter the parameter. Use the **Up** and **Down** arrow keys to move through the menu options. Use the **Left** and **Right** arrow keys (or key in the corresponding number and press the **Up** or **Down** arrow) to select the appropriate choice.

Example:

1. From the Adjustment mode main menu screen, press the down arrow once to scroll to **C01 DATE TIME**.

```
CO1 DATE TIME
CO1 DATE TIME
```

2. Press **Enter** to enter the parameter **C01-01 DATE**.

```
*DATE MM-DD-YYYY [ENT]
C01-01 DATE JAN 13.2014
```

3. Enter the correct date (MMDDYYYY) and press **Enter** to store the data.

```
*DATE MM-DD-YYYY [ENT]
C01-01 DATE JAN 13.2015
```

5. Exit the Adjustment mode by pressing **Mode**.

2.2.1 C01-Date Time

Adjusts date and time of the Uni-3's internal clock.




Display	Description	Choices
C01-01 Date Adjustment	To adjust the date, enter the date in the format MMDDYYYY (Month+Day+Year). Press Enter to store data.	MMDDYYYY
C01-02 Time Adjustment	To adjust the time, enter the time in the format HHMMSS (Hour:Minute:Second). Press Enter to store the data.	HHMMSS
C01-03 Local Year	Set the year in four digits. (Not used in USA)	****
C01-04 Julian Date	The Julian date is the number of days since January 1st. This step displays the Julian date -it is not possible to change it. Display format: DDD-YYYY.	--
C01-05 Year Mode	Selects the name of the era to print.  Note Select 0:A.D. for USA.	0: A.D. 1: LOCAL

Table 2-11. C01 Date Time Parameters

2.2.2 C03-Display Check

Check the lighting of the dots and the segments on the display.

Displays all the digits of the vacuum fluorescent simultaneously. Press any key to exit.

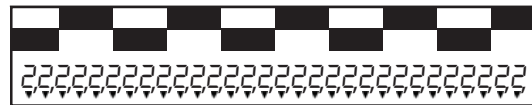



Figure 2-1. Examples of Display During Lighting Check

2.2.3 C05-Firmware Details

Displays the program number and version of the firmware in the following format:



- B****# or C****#.
- Example: C1937H
- B: Standard Program Code
- C: Option Program Code
- ****: Four-digit number
- #: Version Mark

 **Note** To avoid confusion, some letters, such as I, O and Q, are not used for the version mark.

Press Mode to exit.

Display	Description	Choices
C05-01 Title Software	Displays the program number and version of the title software. Refer to this program number and version when checking for updates.	--
C05-02 Main	Displays the program number and version of the software.	--
C05-03 Operating System	Displays the program number and version of the operating system.	--
C05-04 Boot ROM	Displays the program number and version of the Boot ROM.	--
C05-06 Scale Driver	Displays the program number and version of the A/D Driver.	--
C05-07 Updater ROM	Displays the program number and version of the Updater ROM.	--

Table 2-12. C05 Firmware Details Parameters

3.0 Program Mode

Enter **9000** and press the **Mode** key to enter the main menu in the program mode. To exit the program mode, press the **Mode** key.

Program Mode Main Menu Screen

```
< P00 PROGRAM >
< P00 PrOGrAm >
```

The Program Mode for this device includes the following parameters:

- P01 PLU
- P02 Campaign
- P03 Operator Data
- P04 Preset Key
- P05 Advertising Messages
- P06 Store Data
- P07 Department Name
- P08 Group Name
- P09 Cooking Time
- P10 Nutrition
- P11 Extra Message 1
- P12 Extra Message 2
- P13 Extra Message 3
- P14 Coupon Message
- P15 POP Message
- P19 Lookup Table
- P21 Fixed Price
- P22 Free Message 1
- P23 Free Message 2
- P24 Free Message 3
- P25 Free Message 4
- P26 Free Message 5
- P27 Free Message 6
- P28 Free Message 7
- P29 Free Message 8
- P30 Free Message 9
- P31 Free Message 10
- P32 Free Message 11
- P33 Free Message 12
- P34 Free Message 13
- P35 Free Message 14
- P36 Free Message 15
- P37 Check Label
- P38 Stamp Price

Use the up and down arrow keys to select a parameter within the program menu. Press the **Enter** key to enter the parameter. Use the up and down arrow keys to move through the menu options. Use the left and right arrow keys (or key in the corresponding number) to select the appropriate choice.

Example:

1. From the program mode main menu screen, press the down arrow four times to scroll to **P04 PRESET KEY**.
2. Press **Enter** to enter **P04-01 P FLG**.
3. Press **PLU** to scroll through the list of functions.

```
P04 PRESET KEY
P04 PrESEt KEY
```

```
*P FLG → 000: NO USE
P04-01 000 0 000
```



Alternatively, if the function number is known, key in the number and press PLU.

Example: To select Coupon Message, Flag 11, key in 11 on the numeric keyboard and press PLU.

```
*P FLG → 011: COUPON MSG
P04-01 011 70 000
```

4. If the function includes a data value such as PLU number or tare weight, enter the desired data. If not, enter **0**.
5. Press the desired preset key to register the function.
6. Repeat steps 3-5 as needed.
7. Press **Mode** to exit.

```
*P FLG → 011: COUPON MSG
P04-01 011 70 002
```



3.1 P01-PLU Data

1. From the program mode main menu screen, press the down arrow once to scroll to **P01 PLU**.
2. Press **Enter** to display **PLU P01-00**.
3. Enter the PLU number.
4. Press **PLU**.
5. Press **Enter** to confirm a new item.
6. The **Sale 1** screen displays.
7. Press **Edit** to enter or edit the PLU description.

8. Edit text. See [Section 6.2 on page 40](#).

9. Press **Enter**.

10. Press **Enter** to enter the lower level menus.

```
P01 PLU
P01 PLU
```

```
*PLU (No. +PLU)
P01-00 PLU UNOL
```

```
< SALE 1 > (ENT)
P01-01 [SALE 1]
```

```
RIB STEAK
, nP 0001-0008 00 0001 - r
```

```
< SALE 1 > (ENT)
P01-01 [SALE 1]
```

```
*SALES → 0:WEIGHT
, nP-01-01 SALES 0
```

Parameter	Display	Description	Choices
P01-01 Sale1	P01-01-01 SALES	Enter the mode number. Press Enter to select a desired sales mode. To delete the PLU press the ZERO key at this step.	0: WEIGHT 1: FIX PRI 2: WGT F/PRI 3: CASE WGT
	P01-01-02 M/D Mode	Enter the mode number. Press Enter to select a desired markdown mode.	0: NORMAL 1: SPECIAL 2: \$ 3: -% 4: SPEC. U/P 5: U/P \$ 6: U/P -%
	P01-01-03 Open Price	Enter the mode number. Press Enter to select whether or not to allow an open price system.	0: YES 1: NO
	P01-01-04 Unit Price	Enter the unit or fixed price. Press Enter .	--
	P01-01-08 Tax	Enter a numeric value. Press Enter .	--
	P01-01-10 Tare Weight	Enter tare weight. Press Enter .	--
	P01-01-12 % Tare	Enter the tare percentage. Press Enter .	--
	P01-01-13 Forced Tare	Enter the mode number. Press Enter to select whether or not to use the forced tare function.	1: YES 2: NO
	P01-01-14 Lower Weight	Enter the lower weight limit. Press Enter .	--
P01-01-15 Upper Weight	Enter the upper weight limit. Press Enter .	--	
P01-02 Sale2	P01-02-06 Point Flag	Enter the mode number. Press Enter to select whether or not to use the point flag.	0: OFF 1: ON
	P01-02-07 Point Type	Enter the mode number. Press Enter to select the desired point type.	0: WEIGHT 1: FIXED WEIGHT
	P01-02-08 Points	Enter a desired number. Press Enter .	--

Table 3-1. P01 PLU Data



Parameter	Display	Description	Choices
P01-03 Message	P01-03-01 Nutrition	Enter the desired Nutrition Facts number. Press Enter to select.	--
	P01-03-02 —P01-03-04 Xtra MSG 1-3	Enter the desired Extra Message number. Press Enter to select.	--
	P01-03-05 Coupon MSG	Enter the desired Coupon Message number. Press Enter to select.	--
	P01-03-06 POP MSG	Enter the desired POP Message number. Press Enter to select.	--
	P01-03-07 Cook Time	Enter the desired Cook Time number. Press Enter to select.	--
	P01-03-08 —P01-03-22 FREEMSG01-22	Enter the desired Free Message number. Press Enter to select.	--
	P01-03-23 Nutritional Text	Enter the desired Nutritional Text number. Press Enter to select.	--
P01-04 Image	P01-04-01—P01-04-03 Image1-3	Enter the desired Logo number. Press Enter to select.	--
	P01-04-05 S H IMG	Enter the desired Safe Handling logo number. Press Enter to select.	--
	P01-04-06 S H IMG PRN	Enter the mode number. Press Enter to select whether or not to print the Safe Handling Image on the label.	1: NO PRINT 2: PRINT
P01-05 Print	P01-05-01 First Label Format (M)	Enter the desired format number. Press Enter . Select a format for Manual print mode.	--
	P01-05-02 Second Label Format	Enter the desired format number. Press Enter .	--
	P01-05-03 First Label Format (A)	Enter the desired format number. Press Enter . Select a format for Auto print mode.	--
	P01-05-04 1st Label Print	Enter the mode number. Press Enter to select whether or not to print the first label.	1: YES 2: NO
	P01-05-05 2nd Label Print	Enter the mode number. Press Enter to select whether or not to print the second label.	1: YES 2: NO
P01-06 Date	P01-06-01 Pack Date Print	Enter the mode number. Press Enter to select whether or not to print the packed date.	1: YES 2: NO
	P01-06-02 P/T PRN	Enter the mode number. Press Enter to select the desired pack time printing method.	0: NO PRINT 1: DESIGNATE 2: CLOCK
	P01-06-03 Pack Time Data (HH:MM)	This field is only available when 1: DESIGNATE is selected in P/T PRN P01-08-02. Enter the time and press Enter .	--
	P01-06-04 SB Date Print	Enter the mode number. Press Enter to select whether or not to print the sell by date.	1: YES 2: NO
	P01-06-05 SB Time PRN	Enter the mode number. Press Enter to select the desired sell by time printing method.	0: NO PRINT 1: DESIGNATE 2: RELATIVE
	P01-06-06 SB Time Data	Enter either the time HHMM (Designate) or minutes (Relative) and press Enter .	--
	P01-06-07 Shelf Life (Days)	This field is available only when 1: YES is selected in SB Date Print P01-06-04. Enter the number of days and press Enter .	--
	P01-06-08 Use by Date PRN	Enter the mode number. Press Enter to select whether or not to print the use by date.	1: YES 2: NO
	P01-06-09 Use by Date	This field is available only when 1: YES is selected in Use by Date PRN P01-06-08. Enter the number of days and press Enter .	--
P01-07 Code	P01-07-01 Item Code 8 DIGITS	Enter an item code. Press Enter .	--
	P01-07-02 Register code	Enter the register code. Press Enter .	--
	P01-07-03 POS Flag	This field is available only when 1 PLU File is selected in POS Reference P01-07-05.	--
	P01-07-04 Barcode (GTIN) 14 Dig	Enter a barcode number. Press Enter .	--
	P01-07-05 POS Reference	Enter the mode number. Press Enter to select the desired reference method.	0: REFER 1: PLU FILE

Table 3-1. P01 PLU Data (Continued)

Parameter	Display	Description	Choices
P01-07 Code	P01-07-06 Barcode Type	Enter the desired PLU type number. Press Enter .	0: REFER 1: EAN/UPC 13 2: EAN/UPC 8 3: 10 DIGITS 13 4: 5 DIGITS 8 5: GS1 6: GS1 ST 7: GS1 STO 9: GS1 EXP 10: ITF
	P01-07-07 POS Format	This field is only available when one PLU file is selected in POS Reference P01-07-05. Enter desired barcode format number. Press Enter . C: Product Code F: Flag P: Price Q: Quantity of Pieces W: Weight 0: Fixed Zero l: Item Code d: Check Digit p: Price Check Digit q: Quantity Check Digit w: Weight Check Digit	0: REFER 1: F2C5pP4d 2: F2C6P4d 3: F1C6pP4d 4: F2C5P5d 5: F1C6P5d 6: F2C4pP5d 7: F2C6W4d 8: F1C6W5d 9: F1C5l6d 10: F2C6P4d* 11: F2C6W4d* 12: F2C4wW5d 13: ---- 14: ---- 15: F2C5oP4d 16: F2C5W5d 17: F2C5P5/10d 18: F2C5pP4/10d 19: F2C5wW4d 20: F1C5P6d 21: F2C4P6d 22: F1C3W4P4d 23: F2C4Q2P4d 24: F1l6P5d 25: F2l6P4d 26: F1C4P7d 27: F1l6P5/10d 28: F2l6P4/10d 29: F1C6P5/10d 30: F2C6P4/10d 31: F2C5Q5d 32: ---- 33: ---- 34: F2S1R3pP5d 35: F2S1C3pP5d 36: F102C4P5d 37: F2C5pP4d 38: F202C3P5d 39: F202C3W5d 40: F2C5P5d 41: F2C4wqWQ5d 42: ---- 43: F2C5WQ5d 44: F1C7WQ4d
	P01-07-08 Trace Enable	--	1: YES 2: NO
	P01-07-10 Department Number	Enter desired department number. Press Enter .	--
	P01-07-11 Group Number	Enter desired group number. Press Enter .	--
P01-08 Link	P01-08-01 Link PLU Number	This parameter is not used in the USA.	--

Table 3-1. P01 PLU Data (Continued)



3.2 P02-Campaign

Use Campaigns to change the prices of designated items for a specified period.




Parameter	Display	Description	Choices
P02-00 Campaign	--	Enter Campaign number and press PLU . Press the Down Arrow key to view and select existing campaigns. Press the Zero key to delete the selected campaign.	--
P02-01 Schedule	P02-01-01 Schedule Type	Enter schedule type and press Enter .	0: DATE 1: DLY/WKLY
	P02-01-02 Start Date	Enter desired start date in MMDDYYYY and press Enter .	--
	P02-01-03 Start Time	Enter desired start time in HH:MM (24 hour format). Press Enter .	--
	P02-01-04 End Date	Enter desired end date in MMDDYYYY and press Enter .	--
	P02-01-05 End Time	Enter desired end time in HH:MM (24 hour format). Press Enter .	--
P02-02 Data	P02-02-01 Call PLU	Enter desired PLU number and press PLU .	--
	P02-02-02 PLU Name and Number	Displays the PLU name and number for confirmation	--
	P02-02-03 MD Mode	Enter the desired PLU Markdown mode and press Enter .  Note 16 and 17 are used to change the price without printing the pre-markdown price on the label.	1: SPECIAL 2: -\$ 3: -% 4: SPEC. U/P 5: U/P -\$ 6: U/P -% 16: Unit Price 17: Fixed Price
	P02-02-04 MD PRI	Enter the desired markdown amount and press Enter .	--

Table 3-2. P02 Campaign

3.3 P03-Operators

Program Operators for use when the Uni-3 is configured for Operator mode.



Display	Description	Choices
P03-00 Operator	Enter the Operator number and press PLU to display desired Operator data. If a non-registered item is displayed, press Enter to set up new data, or Clear to go back.	--
P03-01 Operator/Detail Screen	Press Edit to register the operator name. See Section 6.2 on page 40 .	--
P03-02 Password	Enter the 4-digit numeric value. Press Enter .	--
P03-03 Delete	Press Zero to delete the operator.	--

Table 3-3. P03 Operators

3.4 P04-Preset Key Registration

Assign presets (PLU number, tare weight, etc.) and function keys (price change, multiply, etc.) to the Uni-3 keyboard.



Display	Description	Choices
P04-01 P FLG	Enter the function number and press PLU to set the function. If the function includes a data value such as PLU number or Tare weight, enter the desired data; otherwise, enter 0. Press the desired key to assign the function. The preset key has been registered.	--

Table 3-4. P04 Preset Key Registration

Key Flag No.	Preset Key	Description
0	None	No function
1	PLU	Call up item
2	Tare	Tare
3	F/P	Fixed price change
4	MULTI	Use to set the number of pieces to be purchased
5	Special	Special price
6	-\$	Subtract a dollar amount from the total price
7	-%	Subtract a percentage amount from the total price
8	Save	Save key (keep showing PLU)
9	POP	POP Message
10	Void	Void the the last date/void the assigned date
11	Coupon	Coupon Message
15	Subtotal Display	Subtotal Display
16	Extra1	Extra Message 1
17	Extra2	Extra Message 2
18	Extra3	Extra Message 3
19	F/P+Weigh	Fixed Price + Weight price change
20	SP. (U/P)	Special unit price
22	Format	Change of label format
23	Image 1	Image 1
24	Image 2	Image 2
25	-Price (U/P)	-Unit Price
26	Peel MD	Displays the current Peel Sensor status: INDIV (on) or W/BACK (off)
28	Operator	Operator
32	U/P	Unit price change
33	P Date	Pack date
34	S Date	Sell by date
36	Open Drawer	Money exchange
37	Bar Y/N	Choose to print barcode or not
43	Total Display	Total display
45	Image 3	Image 3
47	Free1	Free Message 1
48	Free2	Free Message 2
49	Free3	Free Message 3
50	Free4	Free Message 4
51	Free5	Free Message 5
52	Free6	Free Message 6
53	Free7	Free Message 7
54	Free8	Free Message 8
55	Free9	Free Message 9
56	Free10	Free Message 10
57	Free11	Free Message 11
58	Free12	Free Message 12
59	Free13	Free Message 13
60	Free14	Free Message 14
61	Free15	Free Message 15
63	Receipt Copy	Reissue of receipt
66	-% (U/P)	-% (U/P)
70	Cassette	Display of cassette number
71	SH Flag	Safe Handling on/off

Table 3-5. Preset Key List



Key Flag No.	Preset Key	Description
72	Case Weight	Change an item to require manual (fixed) weight entry and (optional) unit price entry
75	Auto Print Mode	Printing mode (auto/manual)
77	1/2	Dividing to a half
78	Total Add	Total (add/non add)
79	Trace	Traceability
80	Passport	Traceability passport
81	Receipt Subtotal	Receipt subtotal
82	With/Without Receipt	Receipt print (yes/no)
83	Receipt Delete	Cancel transaction
85	Credit	Trust
86	Other than Cash	Check/credit
87	Coupon Pay	Payment by coupon
89	Tax Print	Tax print (yes/no)
91	Currency Select	Currency select
93	CSIS Online	Online/offline
100	Charge +	Add cost to subtotal in \$
101	Charge+%	Add cost to subtotal in %
102	Data distribution	Distribution of master data
103	-Price subtot	-Price subtotal
104	-%Subtot	-% subtotal
105	Preset-Price Subtot	-Price subtotal by preset
106	Preset %Subtot	-% subtotal by preset key
107	Mince	Mince (grind)
109	Return Item	Returning item
113	Stamp+	Stamp on coupon
114	Customer	Customer
115	Payment	Payment by coupon
116	Minus	Minus PLU
117	Auto PLU	Automatic PLU
118	Cash	Cash
120	Receipt No. Reset	Reset the receipt number
134	Receipt Trace	Trace the receipt
136	Lot No.	Program lot number
137	Print QTY	Quantity of printing label
143	Print Nutrition	Print only nutrition
144	Nutrition PRT Y/N	Print only nutrition Yes/No
154	Line Up	Moving to upper line
155	Line DN	Moving to lower line
156	Lower Preset	Use to select the second PLU assigned to a preset key
157	Mode Key	Mode key
158	Target QTY	Key to set the target quantity
159	Target WGT	Key to set the target weight
160	Target PRI	Key to set the target price
161	Target Cancel	Key to cancel the target
162	Fixed WGT	Key to enter a fixed weight
435	Cassette Switching	Switching cassette number

Table 3-5. Preset Key List (Continued)

3.5 P05-Ad Message

Program and display up to 99 advertising messages on the customer display when the scale is not in use.

```
P05 AD MSG.
P05 Ad MSG.
```

Display	Description	Choices
P05-00 Ad MSG.	Enter the Ad Message number and press PLU to display desired Ad Message data. If a non-registered item is displayed, press Enter to set up new data, or Clear to go back.	--
P05-01 Edit	Press Edit to register the Ad Message name. See Section 6.2 on page 40 .	--
P05-02 Display Type	Enter the desired message display type and press Enter .	0: NONE 1: SCROLL 2: FLASH
P05-03 Speed	Enter the desired message display speed and press Enter . Messages increment by one dot for speeds 0-3. Messages increment by one character for speed 4. Approximate time (seconds) for a scroll message character to cross the customer display for each selection: Fast: 9, Medium: 13, Slow: 18, Fast2: 6, Char: 4.	0: FAST 1: MEDIUM 2: SLOW 3: FAST2 4: CHAR
P05-04 Count	Enter the desired number of times for Ad Message to be displayed and press Enter .	0-999
P05-05 Delete	Press Zero to delete selected Ad Message.	--

Table 3-6. P05 Ad Message

3.6 P06-Store Data

Program and set the store name and address that print on the label.

```
P06 STORE
P06 StOrE
```


Display	Description	Choices
P06-00 Store No.	Enter the store number and press PLU to display the desired store data.	--
13001-0000 Set Up New Data	If a non-registered item has been requested, the confirmation screen is displayed. Press Enter to set up new data, or Clear to go back.  <i>If a pre-registered item has been requested, P06-01 will display with registered store name. Press Edit to edit data.</i>	--
InP 0001-0000	The Text Edit screen is displayed for the selected store number. Edit text according to the procedure described in Section 6.2 on page 40 . Press Enter when editing is complete.	--
P06-01 Name	Press Edit to edit store name.	--
P06-02 Address	Press Edit to edit store address.	--
P06-03 Delete	Press Zero to delete store.	--
P06-04 Printer1	Enter desired store number to print on labels.	--

Table 3-7. P06 Store Data

3.7 P07-Department

Program departments that are then used in the PLU file to designate where totals are accumulated for the purpose of reports printed at the Uni-3.

```
P07 DEPARTMENT
P07 dEPArTmEnt
```

Display	Description	Choices
P07-00 Department Number	Enter the Department number and press PLU to display desired store data.	--
13001-0000 Set Up New Data	If a non-registered item has been requested, the confirmation screen is displayed. Press Enter to set up new data, or Clear to go back.	--
InP 0001-0000	The Text Edit screen is displayed for the selected department number. Edit text according to the procedure described in Section 6.2 on page 40 . Press Enter when editing is complete.	--

Table 3-8. P07 Department

3.8 P08-Group

Program groups that are then used in the PLU file to designate where totals are accumulated for the purpose of reports printed at the Uni-3.



Display	Description	Choices
P08-00 Group Number	Enter the group number and press PLU to display desired group data.	--
13001-0000 Set Up New Data	If a non-registered item has been requested, the confirmation screen is displayed. Press Enter to set up new data, or Clear to go back.	--
InP 0001-0000	The Text Edit screen is displayed for the selected group number. Edit text according to the procedure described in Section 6.2 on page 40 . Press Enter when editing is complete.	--

Table 3-9. P08 Group

3.9 P09-Cooking Time

The cooking time calculation is not used in the USA.



Display	Description	Choices
P09-00 Cooking Time	Enter the Cooking Time number and press PLU to display desired cooking time. If a non-registered item has been requested, the confirmation screen is displayed. Press Enter to set up new data or Clear to go back.	--
P09-00 Method	Press Edit to edit the cooking method. Press Enter when editing is complete.	--
InP 0001-0000	The Text Edit screen is displayed for the selected store number. Edit text according to the procedure described in Section 6.2 on page 40 . Press Enter when editing is complete.	--
P09-00 Time	Enter the desired base time and press Enter .	--
P09-00 Weight	Enter the desired weight to use with desired cooking method. Press Enter .	--

Table 3-10. P09 Cooking Time

3.10 P10-Nutrition

Enter nutrition data to be linked to a PLU. A label designed to support nutrition information must be used to print the data.



Display	Description	Choices
P10-00 Nutrition Number	Enter the nutrition number and press PLU to display the desired nutrition data.	--
13001-0000 Set Up New Data	If a non-registered item has been requested, the confirmation prompt is displayed. Press Enter to set up new data or Clear to go back.	--
P10-01 Nutrition Number	The nutrition number is displayed	--
P10-02 Serving Size	Press Edit to edit the serving size.	--
P10-02 Serving Size 2	Press Edit to edit the serving size 2. This parameter is not used in the USA.	--
P10-04 Total Calories	Enter the total calories.	--
P10-05 Servings Per Container	Enter the servings per container.	--
P10-06 Calories From Fat	Enter the calories from fat.	--
P10-07 Total Fat	Enter the total fat value (g).	--
P10-08 Total Fat Percent	Enter the total fat percent.	--
P10-09 Saturated Fat	Enter the saturated fat value (g)	--
P10-10 Saturated Fat Percent	Enter the saturated fat percent.	--
P10-11 Cholesterol	Enter the cholesterol value (mg).	--
P10-12 Cholesterol Percent	Enter the cholesterol percent.	--
P10-13 Sodium	Enter the sodium value (mg).	--
P10-14 Sodium Percent	Enter the sodium percent.	--
P10-15 Trans Fat	Enter the trans fat value (g).	--

Table 3-11. P10 Nutrition

Display	Description	Choices
P10-16 Carbohydrates	Enter the carbohydrates value (g).	--
P10-17 Carbohydrates Percentage	Enter the carbohydrates percent.	--
P10-18 Dietary Fiber	Enter the dietary fiber value (g).	--
P10-19 Dietary Fiber Percent	Enter the dietary fiber percent.	--
P10-20 Protein	Enter the protein value (g).	--
P10-21 Protein Percent	Enter the protein percent.	--
P10-22 Sugars	Enter the sugar value (g).	--
P10-23 Sugars Percent	Enter the sugar percent.	--
P10-24 Vitamin A Percent	Enter the vitamin A percent.	--
P10-25 Vitamin C Percent	Enter the vitamin C percent.	--
P10-26 Calcium Percent	Enter the calcium percent.	--
P10-27 Iron Percent	Enter the iron percent.	--

Table 3-11. P10 Nutrition (Continued)

3.11 P11-P13 Extra Message Data 1-3

Enter text messages to be linked to a PLU. A label designed to support messages must be used to print this text.

```
P11 EXTRA MSG. 1
P 11 EXTRA MSG. 1
```

Display	Description	Choices
P11-00 XTRA MSG1 P12-00 XTRA MSG2 P13-00 XTRA MSG3	Enter the Extra Message number and press PLU to display desired extra message data.	--
13001-0000 Set Up New Data	If a non-registered item has been requested, the confirmation screen is displayed. Press Enter to set up new data, or Clear to go back.	--
InP 0001-0000	The Text Edit screen is displayed for the selected Extra Message. Edit text according to the procedure described in Section 6.2 on page 40 . Press Enter when editing is complete.	--

Table 3-12. P11 - P13 Extra Message Data 1-3

3.12 P14-Coupon Message

Enter text messages to be linked to a PLU. A label designed to support messages must be used to print this text.

```
P14 COUPON MSG.
P 14 COUPON MSG.
```

Display	Description	Choices
P14-00 Coupon MSG	Enter the Coupon Message number and press PLU to display desired coupon message data.	--
13001-0000 Set Up New Data	If a non-registered item has been requested, the confirmation screen is displayed. Press Enter to set up new data, or Clear to go back.	--
InP 0001-0000	The Text Edit screen is displayed for the selected store number. Edit text according to the procedure described in Section 6.2 on page 40 . Press Enter when editing is complete.	--

Table 3-13. P14 Coupon Message



3.13 P15-POP Message

Enter text messages to be linked to a PLU. A label designed to support messages must be used to print the text.



Display	Description	Choices
P15-00 POP MSG	Enter the POP Message number and press PLU to display desired POP message data.	--
13001-0000 Set up New Data	If a non-registered item has been requested, the confirmation screen is displayed. Press Enter to set up new data, or Clear to go back.	--
InP 0001-0000	The Text Edit screen is displayed for the selected store number. Edit text according to the procedure described in Section 6.2 on page 40 . Press Enter when editing is complete.	--

Table 3-14. P15 POP Message

3.14 P19-Lookup Table

The lookup table feature is not used in the USA.



Display	Description	Choices
P19-00 Lookup Table	Enter the Lookup Table number and press PLU to display desired lookup table data.	--
13001-0000 Set up New Data	If a non-registered item has been requested, the confirmation screen is displayed. Press Enter to set up new data, or Clear to go back.	--
InP 0001-0000	The Text Edit screen is displayed for the selected store number. Edit text according to the procedure described in Section 6.2 on page 40 . Press Enter when editing is complete.	--

Table 3-15. P19 Lookup Table

3.15 P21-Fix Price Symbol

The fixed price symbol is not used in the USA.

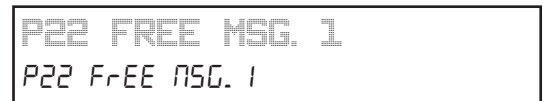


Display	Description	Choices
P21-00 F/P Symbol	Enter the Fix Price Symbol number and press PLU to display desired fixed price data.	--
13001-0000 Set Up New Data	If a non-registered item has been requested, the confirmation screen is displayed. Press Enter to set up new data, or Clear to go back.	--
InP 0001-0000	The Text Edit screen is displayed for the selected store number. Edit text according to the procedure described in Section 6.2 on page 40 . Press Enter when editing is complete.	--

Table 3-16. P21 Fix Price Table

3.16 P22-P36 Free Message 1-15

Enter text messages to be linked to a PLU. A label designed to support messages must be used to print the text.



Display	Description	Choices
P22-00 FREE MSG 1 – P36-00 FREE MSG 15	Enter the Free Message number and press PLU to display desired free message data.	--
13001-0000 Set Up New Data	If a non-registered item has been requested, the confirmation screen is displayed. Press Enter to set up new data, or Clear to go back.	--
InP 0001-0000	The Text Edit screen is displayed for the selected store number. Edit text according to the procedure described in Section 6.2 on page 40 . Press Enter when editing is complete.	--

Table 3-17. P22 - P36 Free Message 1-15

3.17 P37-Check Label

Print labels to verify the PLU information and barcode scanning. Labels may be printed on the backing paper with no setting change required.



Display	Description	Choices
P37-01 Start Number	Enter desired start number. Press Enter .	--
P37-02 End Number	Enter desired end number. Press Enter .	--
P37-03 Check Label Print	Press Print to check label.	--

Table 3-18. P37 Check Label

3.18 P38-Stamp Price Data

The stamp price feature is not used in the USA.



Display	Description	Choices
P38-01 Stamp	Enter desired stamp price. Press Enter .	--
P38-02 Reference	Enter desired reference price. Press Enter .	--

Table 3-19. P30 Stamp Price Data



4.0 Operation

4.1 Basic Operating Procedures

4.1.1 Power On

1. Turn the power switch to On.
2. The **Clock Check** screen is displayed. Check that the displayed date and time are correct, press **Enter** on the keypad to proceed to the next step.

```
PLEASE CONFIRM TIME (ENT)
MAR. 08. 20 14      14 20 27
```



To adjust the date or time, use the **Date/Time** menu in **Adjustment Mode**, see [Section 2.2.1 on page 14](#).

3. The initial screen is displayed.

```
KEY IN ITEM No.
0.000 0.000 0.00      0.00
```



The contents of the initial screen may differ depending on the settings of your machine.

4.1.2 Zero Adjustment

1. If the zero indicator does not appear in the display, press **Zero**.
2. The zero indicator will light up and the weight value becomes zero.

4.1.3 Return to Initial Screen

To return to the initial screen from a menu selection screen, press **Mode** on the keypad.

4.2 Operation Mode

1. From the initial screen, enter "2000" using the numeric keypad.
2. Press **Mode**.
3. The **Operation Mode** screen displays.
4. Press **Mode** to exit the **Operation Mode**.

```
< 500 OPERATE >
[500 oPErAtE]
```

4.2.1 Issuing Labels

1. Ensure that the initial screen is displayed with zero weight.



If **ZERO** is not indicated on the screen, press **→0←** on the keypad.

The product's unit price and tare weight must be set prior to operation.

2. Enter a PLU number and press **PLU**.

Example: To access **PLU 1**, press  followed by .

Issuing Labels for Weighed Products

1. The designated PLU screen is displayed.
2. Place the product on the weighing platter.
3. The product is weighed and its price is calculated. Press **Print** to issue a label.

```
RIB STEAK
0.050 -0.050      1.23      00000 1
```

Issuing Labels for Fixed Price Products

1. The designated PLU screen is displayed.
2. (Optional) Place the product on the weighing platter.
The product is weighed, but its price stays the same.
3. Press **Print** to issue a label.

APPLE PIE			
1 PC	1	1.23	1.23

Issuing Labels Requiring Operator Registration

1. The designated PLU screen is displayed.
2. Place the product on the weighing platter.
3. The product is weighed and its price is calculated.
4. Press an **Operator** button to issue a label.

RIB STEAK			
0.050	-0.050	1.23	00000 1



Note *Must have Operator buttons programmed prior to operation. See Section 3.3 on page 19.*

4.2.2 Issuing Receipts by the Same Operator

1. Ensure that the **Operator Selection** screen is displayed.
2. Enter a PLU number and press **PLU**.
3. The designated **PLU** screen is displayed.
4. Place the product on the weighing platter.
5. Press **Receipt Subtotal** to complete the registration.
6. The subtotal screen for the designated operator is displayed.
7. Press **Mode** to return.
8. Enter the PLU number.

PLEASE SELECT OPERATOR.			
PLEASE SELECT OPERATOR.			

RIB STEAK			
0.050	-0.050	1.23	00000 1

*ADD OP1	TTL	13.00	
1---		13.00	

LIVE WILD CHERRYSTONE			
0.050	-0.050		1.74

Example: To access PLU No. 201 (Weighing Fixed Price Product):



9. Place the product on the weighing platter.
10. Press **Receipt Sub-Total** to complete the registration.
11. The subtotal screen for the designated operator is displayed.
12. Press **Mode** to return.
13. Enter the PLU number.

LIVE WILD CHERRYSTONE			
0.050	-10.070		1.74

*ADD OP1	TTL	14.83	
2---		14.83	

*ADD OP1	TTL	22.92	
3---		22.92	

Example: PLU 101





14. Press **Receipt Sub-Total** to confirm the sales data.
15. Press **Print** to issue a receipt.



4.2.3 Issuing Receipts by Different Operators

 **Note** *Must have Operator buttons programmed prior to operation. See Section 3.3 on page 19.*

1. From the initial screen, enter a PLU number and press **PLU**.
Example: To access PLU 1, press  followed by .
2. The designated PLU screen is displayed.
3. Place the product on the weighing platter.
4. Press an operator key (Example: Operator "BETTY").
5. The subtotal screen for the designated operator is displayed.
6. Press **Mode** to return and enter the PLU number.
7. The designated PLU screen is displayed.
8. Press an operator key (Example: Operator "BETTY").
9. The subtotal screen for the designated operator is displayed.
10. The operator has changed from "BETTY" to "JACK" press **Mode** to return and enter the PLU number.
11. The designated PLU screen is displayed.
12. Place the product on the weighing platter.
13. Press an operator key (Example: Operator "JACK").
14. The subtotal screen for the designated operator is displayed.
15. The operator is returned to "BETTY."
16. Press **Mode** to return and enter the PLU number.
17. The designated PLU screen is displayed.
18. Place the product on the weighing platter.
19. Press an operator key (Example: Operator "BETTY").
20. The subtotal screen for the designated operator is displayed.
21. Press **Receipt Sub-Total** to confirm the sales data.
22. Press **Print** to issue a receipt.

KEY IN ITEM No.
0.000 0.000 0.00 0.00

RIB STEAK
0.050 -0.050 1.23 00000 1

*ADD OP1 TTL 14.83
2--- 14.83

SALMON FILLET
IPC 1 8.80 8.80

*ADD OP1 TTL 21.09
2--- 21.09

RIB STEAK
0.050 -0.050 1.23 00000 1

*ADD OP1 TTL 13.00
1--- 13.00

LIVE WILD CHERRYSTONE
0.050 -0.050 1.74

LIVE WILD CHERRYSTONE
0.050 -10.070 1.74

*ADD OP1 TTL 22.92
3--- 22.92

*ADD OP1 TTL 22.92
3--- 22.92

*NETWORK NUMBER
b0 1-0 1-05 2

*ADD OP1 TTL 21.09
2--- 21.09

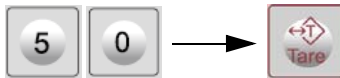
4.2.4 Voiding Product Registrations

1. To void the previous product registration during the transaction, display the **Sub-Total** screen.
2. Press **Void**.
3. The confirmation screen is displayed.
4. Press **Enter** to continue, or **ESC** to go back.
5. The designated product registration has been voided.
6. Press **Print** to issue a receipt.

4.2.5 Entering or Overwriting Tare Weights

1. Ensure that the designated PLU screen is displayed.
2. Enter a numerical value and press Tare.

Example: Tare weight of .050 lb



RIB STEAK	0.000	0.000	1.23	00000	1
-----------	-------	-------	------	-------	---

RIB STEAK	0.050	-0.050	1.23	00000	1
-----------	-------	--------	------	-------	---



When the Uni-3 is configured for standard dual-range weighing the last digit of the tare must be either "0" or "5".

4.2.6 Changing Unit Prices

1. Ensure that the designated PLU screen is displayed.
2. Enter the price and press the Unit Price key.

Example: Unit Price of \$1.56.



The optional Unit Price key must be assigned to the keyboard.

RIB STEAK	0.000	0.000	1.23	00000	1
-----------	-------	-------	------	-------	---

RIB STEAK	0.000	0.000	1.56	00000	1
-----------	-------	-------	------	-------	---

4.2.7 Changing Fixed Prices

1. Ensure that the designated PLU screen is displayed.
2. Enter the price and press the Fixed Price key.

Example: Fixed Price of \$10.00.



The optional Fixed Price key must be assigned to the keyboard.

SALMON FILLET	IPC	1	8.80	8.80	
---------------	-----	---	------	------	--

SALMON FILLET	IPC	1	10.00	10.00	
---------------	-----	---	-------	-------	--

4.2.8 Discounting Unit and Total Prices

Ensure that the designated PLU screen is displayed.

Discounting Prices By Amount

Enter the amount to be discounted and press the -\$ (U/P) key.

Example: Discount amount of \$0.50.



The optional -\$ key must be assigned to the keyboard.

RIB STEAK	0.000	0.000	1.23	00000	1
-----------	-------	-------	------	-------	---

RIB STEAK	0.000	0.000	H	50	
-----------	-------	-------	---	----	--

Discounting Prices by Percentage

Enter the discount percentage and press the -\$ (U/P) key.

Example: Discount percentage of 10%.



The optional -% key must be assigned to the keyboard.

RIB STEAK	0.000	0.000	H	100	
-----------	-------	-------	---	-----	--

4.2.9 Changing Quantities

1. Ensure that the designated PLU screen is displayed.

SALMON FILLET	IPC	1	8.80	8.80	
---------------	-----	---	------	------	--



2. Enter the quantity and press the **Multi** key.

Example: Quantity of three pieces.



The optional Multi key must be assigned to the keyboard.

4.2.10 Specifying the Number of Labels

1. Ensure that the designated PLU screen is displayed.
2. Enter the number of labels to be printed and press **Print**.

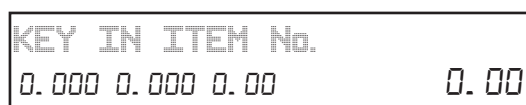
Example: Print three labels.



*To interrupt or restart the issue of labels, press **Print**.*

4.3 Total Mode

1. Ensure that the initial display is appearing.



The contents of the initial screen may differ depending on the settings of the machine.

2. Enter **8000** using the numerical keypad.
3. Press **Mode** to access **Total Mode**.
4. Use the **Up** and **Down** arrows to navigate to desired menu.
5. Press **Enter** to select.



4.3.1 F05-Daily Totals

1. Use the **Up** and **Down** arrows to select the desired report.
2. Press **Print** to print the report.



Parameter	Display	Description
F05 Daily Totals	F05-01 Total	Press Print to print the data.
	F05-02 Hour	Press Print to print the data.
	F05-03 Department	Press Print to print the data.
	F05-04 Group	Press Print to print the data.
	F05-05 PLU Number	Enter a desired PLU number. Press Print to print data.
	F05-06 Operator	Press Print to print the data.
	F05-10 Rewrap	Press Print to print the data.
	F05-11 Promo	Press Print to print the data.

Table 4-1. F05 Daily Total Parameters

4.3.2 F06-Weekly Totals

1. Use the **Up** and **Down** arrows to select the desired report.
2. Press **Print** to print the report.

F06 PROD. WEEKLY TOTAL
F06 PrOd. WEEkLY tOtAL

Parameter	Display	Description
F06 Weekly Totals	F06-01 Weekdays	Press Print to print the data.
	F06-02 Sunday	Press Print to print the data.
	F06-03 Monday	Press Print to print the data.
	F06-04 Tuesday	Press Print to print the data.
	F06-05 Wednesday	Enter a desired PLU number. Press Print to print data.
	F06-06 Thursday	Press Print to print the data.
	F06-07 Friday	Press Print to print the data.
	F06-08 Saturday	Press Print to print the data.

Table 4-2. F06 Weekly Total Parameters

4.3.3 F07-Cumulative Totals

1. Use the **Up** and **Down** arrows to select the desired report.
2. Press **Print** to print the report.

F07 PROD. CUM. TOTAL
F07 PrOd. cUm tOtAL

Parameter	Display	Description
F07 Product Cumulative Totals	F07-01 Total	Press Print to print the data.
	F07-02 Department	
	F07-03 Group	
	F07-04 Operator	

Table 4-3. F07 Cumulative Totals Parameters

4.3.4 F09-Preset Report

1. Use the **Up** and **Down** arrows to select the desired report.
2. Press **Print** to print the report.

F09 PRESET REPORT
F09 PrESEt rEPORt

Parameter	Display	Description
F09 Preset Report	F09-01 Preset Report	--
	F09-02 Daily	Press Print to print the data.
	F09-03 Weekly	Press Print to print the data.
	F09-04 Cumulative	Press Print to print the data.

Table 4-4. F09 Preset Report Parameters



4.3.5 F12-Total Clear

1. Use the Up and Down arrows to select the data to be cleared.
2. Press Zero to clear the data.

```
F12 TOTAL CLEAR
F 12 totAL cLEAr
```

Parameter	Display	Description
F12 Total Clear	F12-01 Daily	Press Zero to clear the data.
	F12-02 Weekly	Press Zero to clear the data.
	F12-03 Cumulative	Press Zero to clear the data.
	F12-04 Traceability	Press Zero to clear the data.

Table 4-5. F12 Total Clear Parameters

3. The confirmation screen is displayed.
4. Press Enter to continue, or CLR to go back.

```
DELETE CHECK
1200 1-0000 Ent or CLr
```

5.0 Maintenance

5.1 Level Adjustment



Ensure the machine is powered off before moving or adjusting the level of the scale.

1. Place the machine on a stable platform.
2. Adjust the inclination of the machine by turning the four level adjustment legs until the spirit bubble is located in the center of the level gauge.
3. Confirm all four legs contact the platform and the scale does not rock side to side.

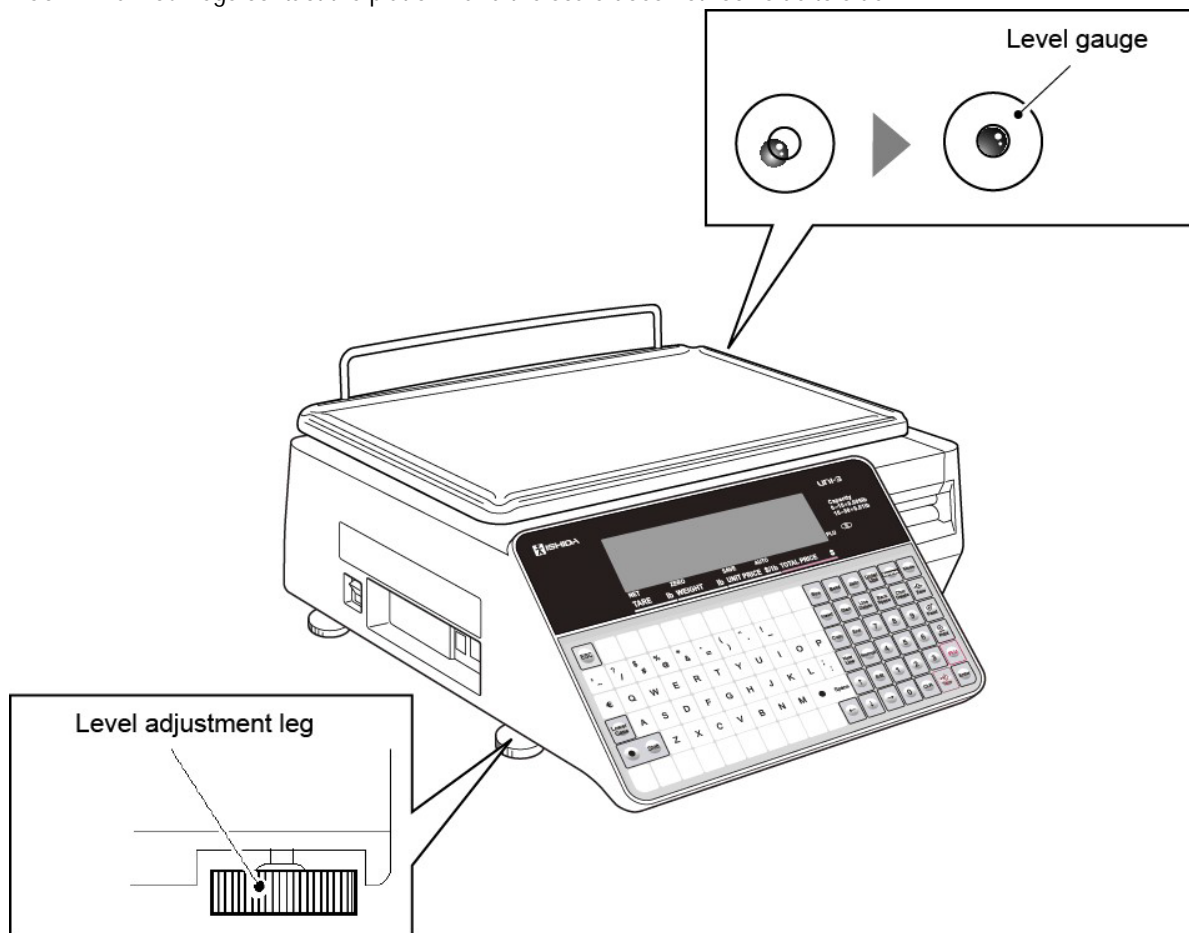


Figure 5-1. Level Adjustment



5.2 Label/Receipt Roll Loading



CAUTION Ensure the weighing platter is empty prior to starting this procedure.

1. Open the cover on the right side of the main body.

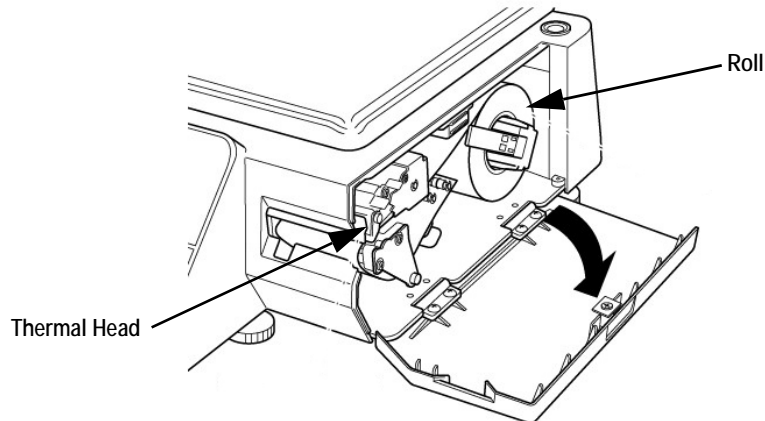


Figure 5-2. Open the Right Cover

2. Slide a new roll around the roll holder.

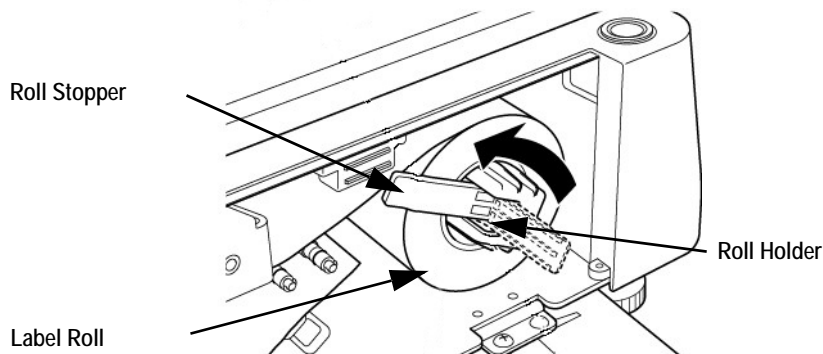


Figure 5-3. Place the New Roll on the Roll Holder

3. Raise the roll stopper to fix the roll position.
4. Lift up on the front side and press down on the back side of the thermal head lever to unlock.

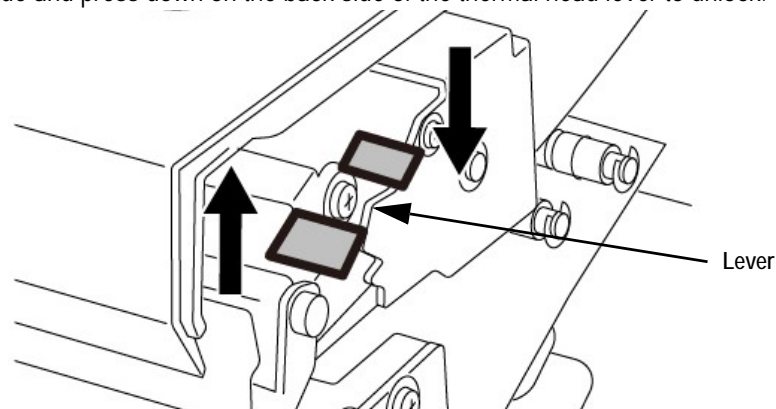


Figure 5-4. Lift the Lever to Unlock the Thermal Head

- Thread the paper as shown in Figure 5-5

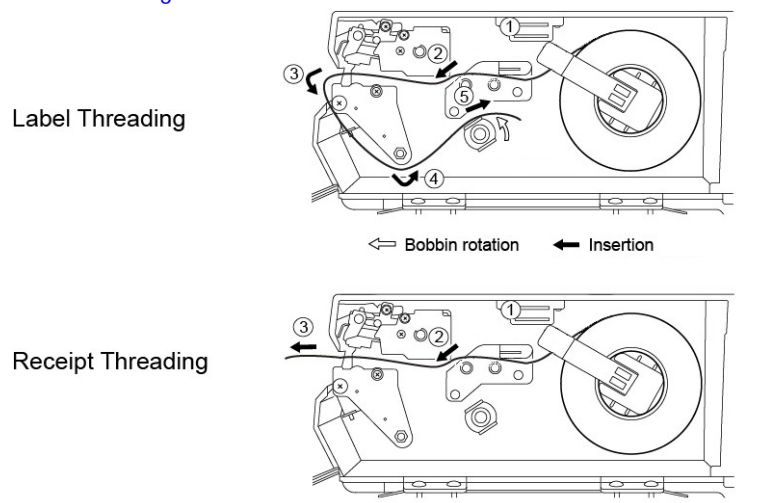


Figure 5-5. Thread Paper

- For labels, fix the paper end with the backing paper stopper.
- Gently turn the winding bobbin counter-clockwise until the label becomes tight.
- For both labels and receipts, push down the front side of the lever to lock the thermal head.

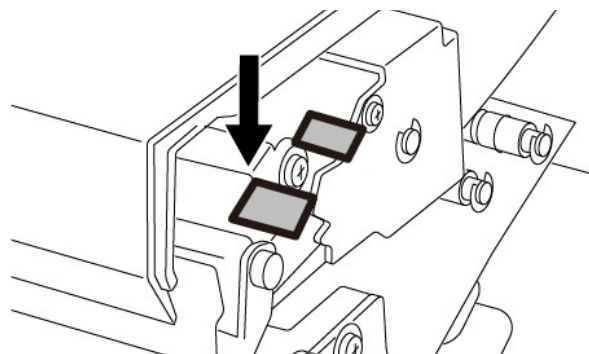


Figure 5-6. Lock the Thermal Head

- Press Feed to issue a label. At this time, confirm that the label is completely peeled off.



Confirm that the backing paper is wound up smoothly. If the backing paper is wound up diagonally, check that the label is set correctly.

5.3 Removing and Replacing the Weighing Platter

To remove the weighing platter, lift the front side approximately one inch until it is free, then raise the back side.

To replace the weighing platter, set the two back side pins in the rubber platter holders, then lower the front pins into the rubber platter holders.



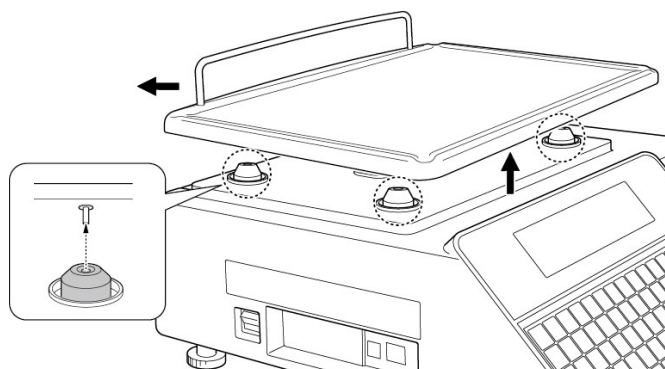


Figure 5-7. Remove Weighing Platter

5.4 Cleaning the Machine

1. Switch off the power.
2. Lift up on the front side and press down on the back side of the thermal head lever to unlock.

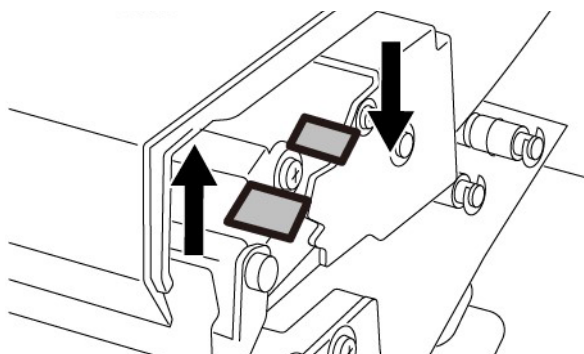


Figure 5-8. Unlock the Thermal Head

3. Use a cotton-tipped swab dipped in isopropyl alcohol to gently clean off the thermal head.



CAUTION Never use a hard or sharp object to clean the thermal head.

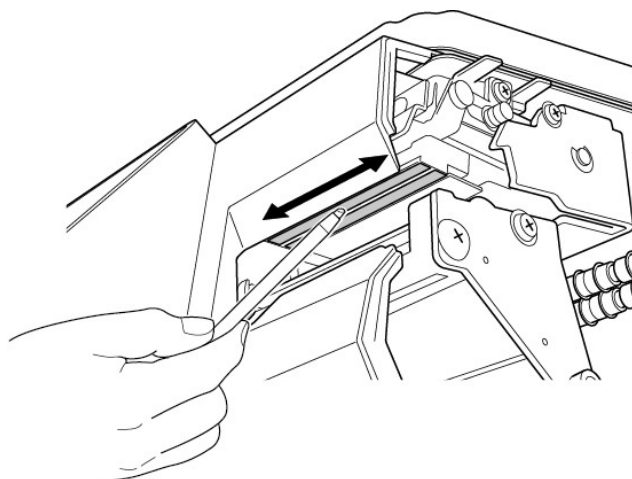


Figure 5-9. Clean Thermal Head

6.0 Appendix

6.1 Error Codes

Error No.	Error Title	Description
---	Take Item off Platter	Remove all objects from the platter before switching on the power. Make sure the platter is set correctly on the four rubber supports.
105	Initialization Failed	Contact Rice Lake Weighing Systems technical support or a local scale dealer
106	Battery is Fault	Verify battery switch is on or replace battery
108	Clock Setting is Not Completed Yet	Set up clock in Adjustment mode, Date/Time (See Section 2.2.1 on page 14).
109	Printer 1 Initialization Was Not Done Yet	Contact Rice Lake Weighing Systems technical support or a local scale dealer
110	Machine Setting Is Not Completed	Contact Rice Lake Weighing Systems technical support or a local scale dealer
111	The Display Confirmation Is Not Completed	Contact Rice Lake Weighing Systems technical support or a local scale dealer
112	The Confirmation Of The Key Is Not Completed	Contact Rice Lake Weighing Systems technical support or a local scale dealer
114	The Data Composition Is Different	Contact Rice Lake Weighing Systems technical support or a local scale dealer
116	The Country Has Not Been Selected	Contact Rice Lake Weighing Systems technical support or a local scale dealer
202	PLU Master Is Not Programmed	Check PLU number, program if necessary
203	POP Master Is Not Programmed	Check POP number, program if necessary
204	Origin Master Is Not Programmed	Check country of origin, program if necessary
212-216	Free Master Isn't Registered	Check free message, register if necessary
219	Store Master Is Not Programmed	Check store number, program if necessary
221	Tare Limit Over (g)	Re-program tare weight
222	Tare Weight is 0 g.	Set tare weight
223	Label Setting Master Is Not Programmed	Check label number, program if necessary
266-000	File Input Error	Contact Rice Lake Weighing Systems technical support or a local scale dealer
266-001	File Input Error	Contact Rice Lake Weighing Systems technical support or a local scale dealer
267-000	File Output Error	Contact Rice Lake Weighing Systems technical support or a local scale dealer
267-001	File Output Error	Contact Rice Lake Weighing Systems technical support or a local scale dealer
268-000	File Delete Error	Contact Rice Lake Weighing Systems technical support or a local scale dealer
268-001	File Delete Error	Contact Rice Lake Weighing Systems technical support or a local scale dealer
268-002	File Delete Error	Contact Rice Lake Weighing Systems technical support or a local scale dealer
268-003	File Delete Error	Contact Rice Lake Weighing Systems technical support or a local scale dealer
271	Initialize Error	There is master data that failed in initialization
281	Tare Limit Over (kg)	Re-program tare weight
282	Tare Weight is 0 kg	Set tare weight
283	Tare Limit Over (lb)	Re-program tare weight
284	Tare Weight is 0 lb	Set tare weight
312-000	Label Is Remaining	Remove label Contact Rice Lake Weighing Systems technical support or the local scale dealer
313	Printer Thermal Head Is Up	Put thermal head down
316	Markdown Price Is More Than Original Price	Check price, markdown should be less than original price
321	Price Is Not Programmed	Enter price, program if necessary
347-000	Thermal Head Is Worn Out	No effect on printing
347-001	Thermal Head Is Worn Out	Effects printing on one side of the format. Change thermal head
347-002	Thermal Head Is Worn Out	Not printing bar code correctly. Change thermal head
351	Label Is Remaining	Remove label Contact Rice Lake Weighing Systems technical support or the local scale dealer
396	No USB Memory	Check USB memory
703	Printer 1 Has Problem	Printer queue is full. Turn off the scale. Wait 10 seconds before powering back on

Table 6-1. Error Codes



Error No.	Error Title	Description
710-000	No Label For Printer 1	Change label roll
710-001	No Label For Printer 1	Thermal head is in the up position. Printing cannot resume until the thermal head is locked down
710-002	No Label For Printer 1	Front cover open Close the front cover
711-000	Label Size Error For Printer 1	Remove label and press feed key
711-001	Label Size Error For Printer 1	Remove label and press feed key
711-002	Label Size Error For Printer 1	Remove label and open front cover
713	Too Many Characters On Format For Printer 1, Failed In [*]	Check field and data
714-000	Remaining Label On Printer 1	Remove label
714-001	Remaining Label On Printer 1	Remove label
714-002	Remaining Label On Printer 1	Remove label
715-000	Thermal Head Is Worn Out For Printer 1	Change thermal head
715-001	Thermal Head Is Worn Out For Printer 1	Thermal head is worn, but there is no effect on printing
715-002	Thermal Head Is Worn Out For Printer 1	Change thermal head
1010	No Label for Printer 1	The label gap sensor did not detect the labels. Open the printer door and confirm the labels are threaded correctly and are in the label gap sensor
1011	Label size error	The length of the label does not match the label format; confirm the labels are the correct length Confirm the labels are threaded correctly and are in the label gap sensor.
1601	Span Adjustment For Scale Is Not Completed	Contact Rice Lake Weighing Systems technical support or a local scale dealer
1843-000	Operator not logged in	Log into system
9038-0162	Login error/ no password	--
11009	Operator keys are not available	The scale is set for standard operation, use the Print key to print labels
11010	Print key is not available	The scale is set for operators, use the operator keys to print labels
11030-0000	Successful login	--
11030-0001	Successful logout	--
11031-0000	Login failure	--
11040-0001	Unit price too large	--

Table 6-1. Error Codes (Continued)

6.2 Text Editing






















	Used to finalize editing a text.		Select font size for text displayed on screen.
	Exit editing a text.		Specify a bold character font style.
	Begin a new line.		Specify an italic character font style.
	Select either lower case or upper case character mode for a text to be entered.		Specify a reverse character font style.
	Enter a space.		Specify an underlined character font style.
	Select either lower case or upper case character mode for a text to be entered.		Specify a normal character font style.
	Insert a character, or select characters by pressing the left or right arrow keys.		Move cursor left.
	Delete a character.		Move cursor right.
	Delete a line of text.		Move cursor up.
	Delete a character by moving the cursor back by one character.		Move cursor down.
	Copy original data to current data.		

Table 6-2. Text Editing

Font Size Choice	Description
0	30 x 15, 25 character/line (default)
1	32 x 15, 25 character/line
2	34 x 16, 24 character/line
3	40 x 20, 19 character/line
4	56 x 28, 14 character/line
5	60 x 30, 13 character/line
6	80 x 40, 10 character/line
7	120 x 60, 7 character/line
8	10 x 5, 62 character/line
9	10 x 6, 54 character/line
10	14 x 7, 48 character/line
11	20 x 10, 36 character/line
12	22 x 10, 36 character/line
13	24 x 12, 31 character/line
14	28 x 14, 27 character/line

Table 6-3. Available Font Sizes for the Size Button



6.3 Specifications

Items	Descriptions
Use Conditions	Temperature: 23 to 104°F -5 to 40°C Humidity: 30 to 85%, non-condensing.
Power supply / power consumption	AC100 – 120V / 1.0A
Weighing capacity scale interval	30 lb: 0 to 15/0.005 lb, 15 to 30/0.01 lb, 60 lb: 0.02 lb 15 kg: 0 to 6/0.002 kg, 6 to 15/0.005 kg, 30 kg: 0.01 kg
Weighing accuracy	1/3000
Operator/customer display	L1: One line 16 segments x 23 digits, liquid crystal with back light L2: Two lines <upper> 192 x 16 dots <lower> 7 segments x 23 digits, liquid crystal with back light
Printing method	Direct thermal method
Thermal head	2.2 inch (56 mm) and 8 dots/mm
Printing speed	3.9 inch (100 mm) / second
Label size	Label width: 38 mm to 64 mm Label length: 30 mm to 175 mm
Number of label cassettes	Non-cassette
Input/output	LAN 1 channel USB 1 channel Drawer 1 channel
Program store medium	Flash ROM (32M bytes)

Table 6-4. Specifications





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