

8361

SmartTouch[®]

Controller

User's Guide

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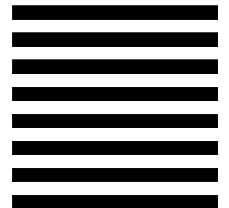
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Publication Revision History

Part Number	Date	Revisions
A15444400A	7/00	Added Security Label Information.
B15444400A	4/01	Added multi-range information

PRECAUTIONS

READ this manual BEFORE operating or servicing this equipment.

FOLLOW these instructions carefully.

SAVE this manual for future reference.

DO NOT allow untrained personnel to operate, clean, inspect, maintain, service, or tamper with this equipment.

ALWAYS DISCONNECT this equipment from the power source before cleaning or performing maintenance.

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	 WARNING
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	 WARNING
	DISCONNECT ALL POWER TO THIS UNIT BEFORE REMOVING THE FUSE OR SERVICING.

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1 Introduction

General Description

ISO9001

This product was developed, produced and tested in a Mettler Toledo facility that has been audited and registered according to international (ISO 9001) quality standards.

The METTLER TOLEDO® Model 8361 **SmartTouch®** is a Programmable Controller designed for use in a Prepack Meat Department in the Retail Food Environment. This product is designed for use in both automatic and hand applied label applications. The Model 8361 **SmartTouch®** Controller is a part of a programmable scale system that offers very flexible programming and formatting with an easy-to-use user interface.

Only valid keys and prompts are displayed on the LCD screen as needed. Since the Model 8361 Touchscreen contains no mechanical parts, there are no keys or keyboards to wear out. The pulldown menus and a word processor-type Extra Text editor in the **SmartTouch®** Master reduce operator-training time.



Figure 1-1: Model 8361 SmartTouch®

Display and Keyboard

The Model 8361 display and keyboard is an easy-to-use Graphical Touchscreen combining an LCD display and infra-red sensor keyboard into one unit. Only valid keys and prompts are displayed on the LCD screen as needed. When the operator's fingertip enters the area of a key, key entry takes place. The fingertip must be withdrawn slightly out away from the screen before another key entry can be made.

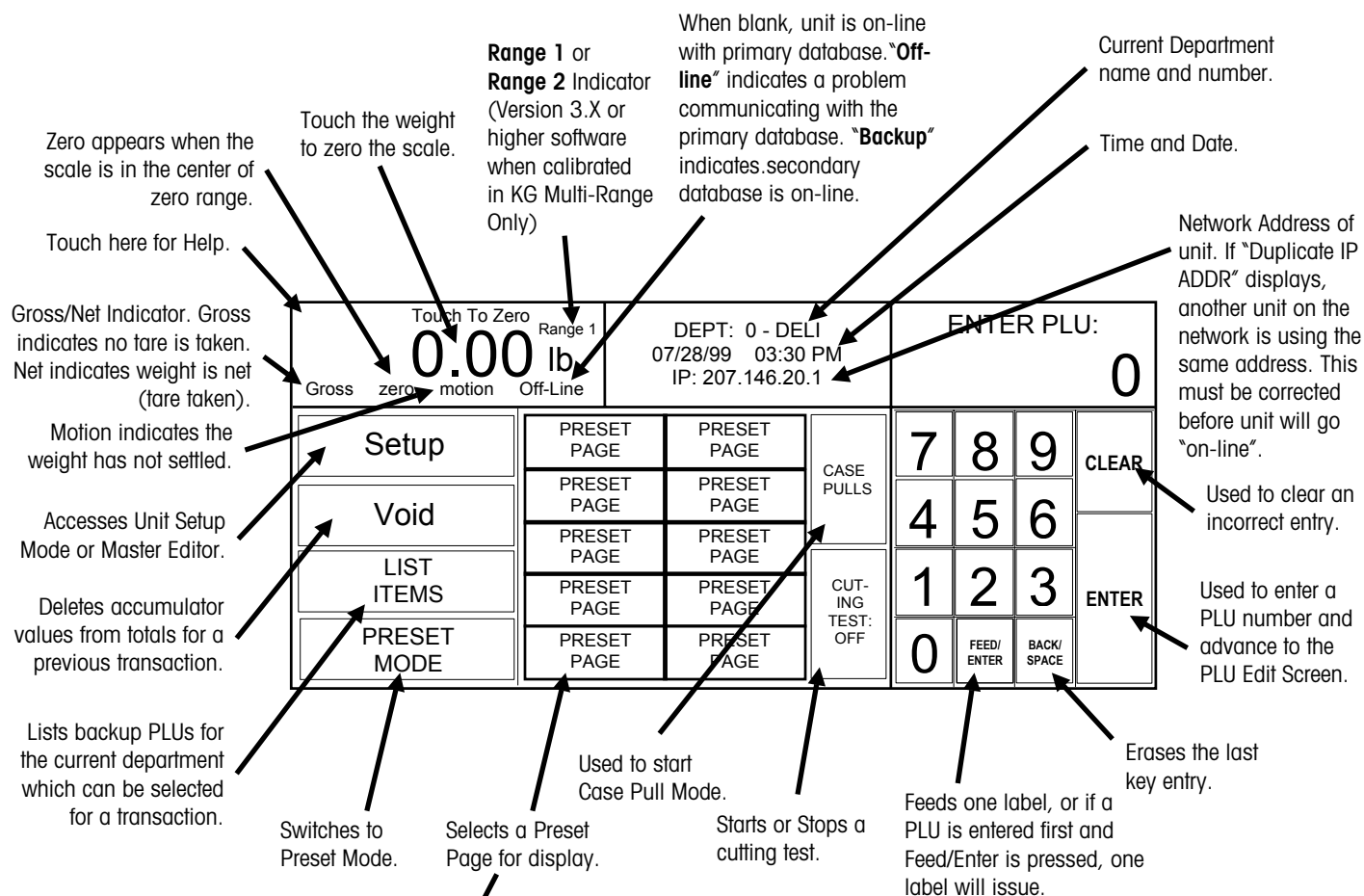


Figure 1-2: Home Screen

Keys 1	Keys 1	Keys 1	Keys 1
--------	--------	--------	--------

These keys will display at the bottom of the screen when "Enhanced Presets" is set to yes under Setup/PLU Options. Enhanced presets will allow up to 1400 preset keys by allowing three extra pages of categories ($350 \times 4 = 1400$).

(With Version 3.0 or higher software only.)

Touchscreen Operation

Do not press on the Touchscreen. Use only a light touch for key entry.

Do not use a hard or sharp object to make key entries. This can scratch or damage the Touchscreen and lens.



The Model 8361 Touchscreen is both a display and keyboard. The keyboard part of the Touchscreen does not use conventional keys, but instead senses where the fingertip is placed on the screen for key input. Only a light touch within the key area (Figure 1-5) is required.

For best results, the fingertip must enter at a right angle (Figure 1-3) to touch the key area, and then must be withdrawn beyond the black lens surrounding the Touchscreen (Figure 1-5) before making the next key entry. When touching the keys, make sure no other finger drags on the screen. This would prevent the Model 8361 from correctly sensing the fingertip.

Your thumb may not produce good results (Figure 1-4), especially if it is larger than the key. Wearing gloves may also not produce the best results if the gloves are larger than the key area. Again, do not press on the keys. Just a light touch is all that is required.

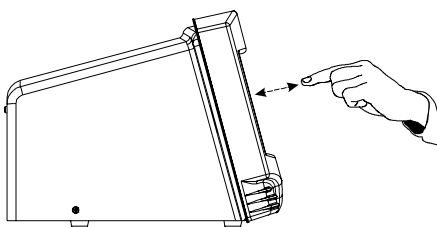


Figure 1-3: For Best Results, Use Fingertip

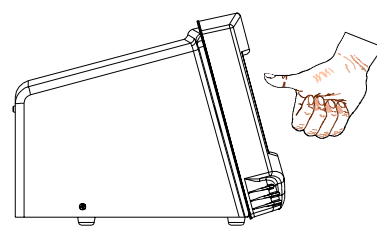


Figure 1-4: Thumb or Gloves may not work

Fingertip must touch within the key area for best results.



LED Lens
Withdraw fingertip past the black lens after each key entry.

Figure 1-5: LED Lens and Key Area

Mechanical Controls

The only mechanical controls are the power on/off switch and a volume control knob for the touchscreen beeper located on the back panel of the Model 8361. See the figure for locations of these devices.

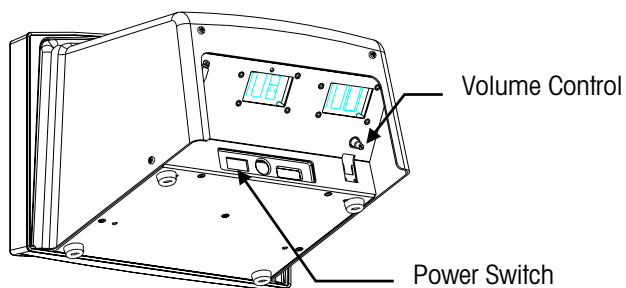


Figure 1-6: Model 8361 Mechanical Controls

2

Unit Setup

Unit Setup Screen

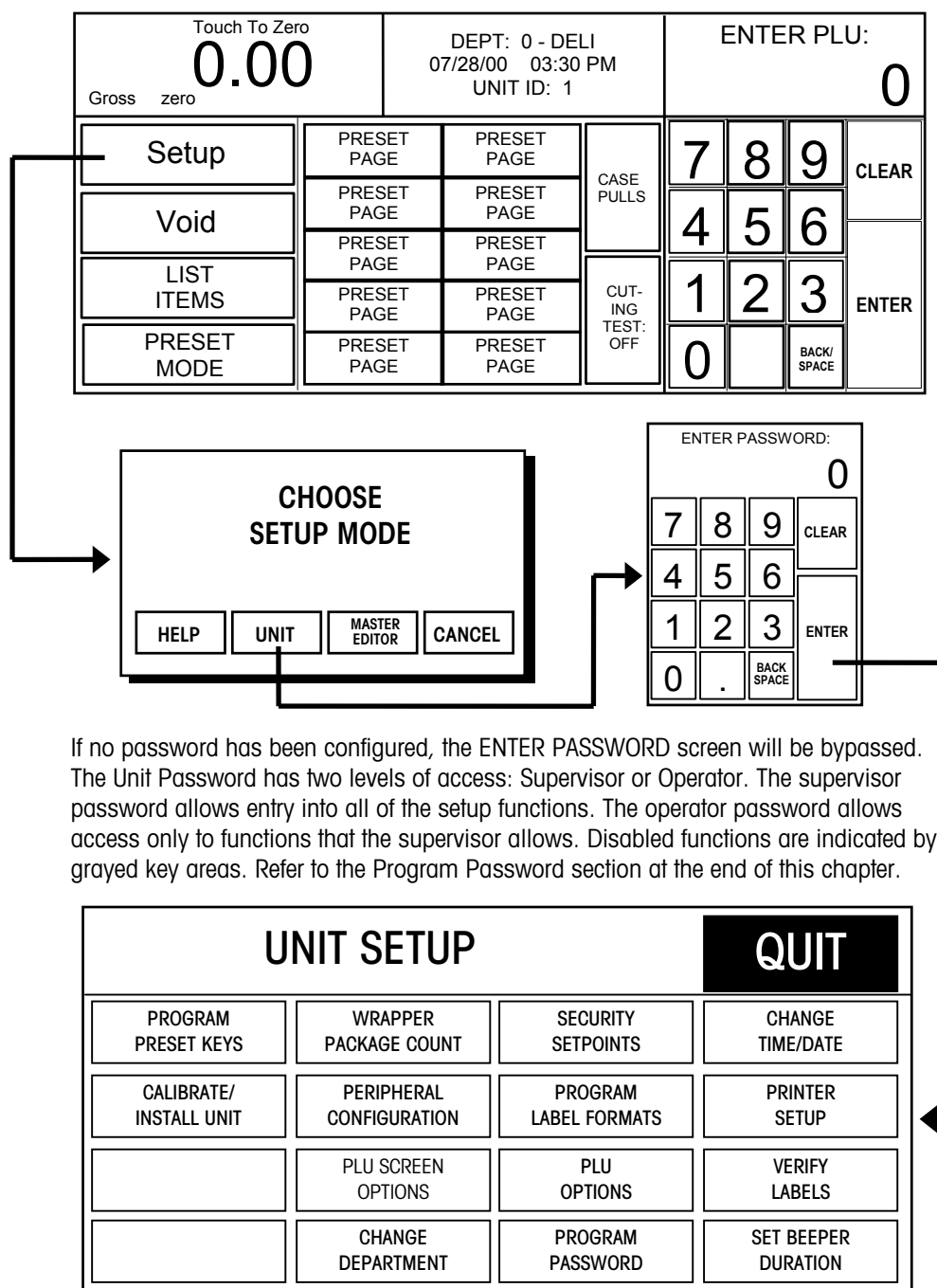


Figure 2-1: Unit Setup Screen

Program Preset Keys

From the Unit Setup screen, touch PROGRAM PRESET KEYS to bring up the PRESET PAGES edit menu (below). Each of the 10 pages shown can contain up to 35 preset keys.

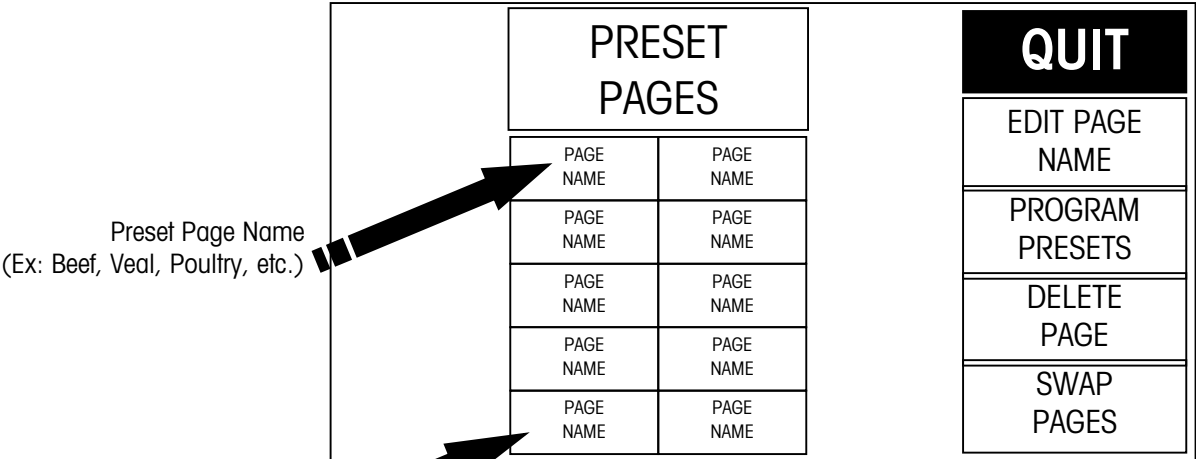


Figure 2-2: Programming the Preset Keys Screen

Keys 1	Keys 1	Keys 1	Keys 1
--------	--------	--------	--------

These keys will display at the bottom of the screen when "Enhanced Presets" is set to yes under Setup/PLU Options. Enhanced presets will allow up to 1400 preset keys by allowing three extra pages of categories (350 x 4 = 1400).

(With Version 3.0 or higher software only.)

To delete an entire Preset Page, touch the DELETE PAGE key, then touch the page key you wish to delete. Complete or cancel the deletion as prompted.

To swap preset page key positions, touch the SWAP PAGES key, then touch the first key you want to swap followed by the second key you want to swap.

To assign or edit the page name, touch EDIT and then the category or window location you wish to use. Using the Alphanumeric keyboard (see Figure 2-3), type in the name, using the BACKSPACE key to delete existing characters. One line of 7-8 large characters or two lines of 10 characters can be displayed. To move to the second line, touch the NEW LINE key.

ENTER NEW PAGE TITLE:

~	!	@	#	\$	%	^	&	*	()	-	+	BACK SPACE
.	1	2	3	4	5	6	7	8	9	0	_	=	
QUIT	Q	W	E	R	T	Y	U	I	O	P	[]	\
CAPS LOCK	A	S	D	F	G	H	J	K	L	:	"	ENTER	
SHIFT	Z	X	C	V	B	N	M	<	>	?	NEW LINE	SPACE	
								,	.	/			

Figure 2-3: Keyboard for Editing Preset Page Names

To program PLUs into a page, touch the PROGRAM PRESETS key, then one of the ten preset pages. The Preset menu will appear. An example is shown below.

DEPARTMENT				PAGE NAME (CATEGORY)		EDIT		QUIT
						DELETE		
						SWAP		
PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY		
PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY		
PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY		
PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY		
PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY		

Figure 2-4: Setting Up a Preset Key Menu

To change the department that you are selecting PLUs from, touch the DEPARTMENT key (upper left corner). A list of the departments with descriptions will display. Page through the list to find the desired department and touch to select it.

To delete an existing preset key, touch DELETE (at the top of the screen) followed by the preset key you wish to delete. Complete or cancel the deletion as prompted.

To swap the key locations of two preset keys on the preset page, touch SWAP (at the top of the screen), then touch the first key you want to swap followed by the second key you want to swap.

To add a new preset key or edit an existing preset key, touch EDIT followed by the preset key you wish to program. The numeric keyboard will display. Type in the PLU number or touch LOOK-UP to generate a list of PLU numbers from the current department. Page through the list of PLUs to locate the item and touch to select it.

LOOK-UP				ENTER PLU:			
				101			
TENDERLOIN				7	8	9	CLEAR
				4	5	6	
				1	2	3	ENTER
				0	.	BACK SPACE	

Figure 2-5: Add New or Edit a Current Item to the Preset Menu

The alphanumeric keyboard will display, and the preset key description for the item will show in the upper left hand corner of the display. The second line of text in the left hand corner is the description editor. On new preset keys, the preset key description will default to the PLU description.

Use the keyboard to edit the preset key description. The BACKSPACE key erases one character at a time, and SHIFT BACKSPACE erases the complete line. Up to three lines of 12 characters per line are allowed. Touch the ENTER key when you are finished.

PLU DESCRIPTION WILL DISPLAY HERE														
NEW DESCRIPTION IS ENTERED HERE <input type="checkbox"/>														
~ .	! 1	@ 2	# 3	\$ 4	% 5	^ 6	& 7	* 8	(9) 0	- =	+	BACK SPACE	
QUIT		Q	W	E	R	T	Y	U	I	O	P	{ [}]	 \ _
CAPS LOCK	A	S	D	F	G	H	J	K	L	:	" ;	ENTER		
SHIFT	Z	X	C	V	B	N	M	< ,	> .	? /	NEW LINE	SPACE		

Figure 2-6: Keyboard for Editing Preset Key Description

Security Setpoints

This menu is for setup of price setpoints for application of security labels by the Model 702. Values can be set for "Price/Unit" and "Total Package Price". If the PLU record contains a field where "Security Lab" is set to YES, the setpoints are ignored. Default values are \$0.00 for both.

The Model 8361 will send an apply label command if the unit price value is equal to or greater than the Price/Unit setpoint value, or if the total package price is equal to or greater than the Total Package Price setpoint value. This will work for all pricing modes.

Labels can also be applied for an entire run by using the "APPLY BOTTOM LABEL" key. The key is accessed by using the OPTIONS key (below), or the key can be added to the screen using the PLU Screen Options menu.

The diagram illustrates the process of accessing the 'APPLY BOTTOM LABEL' function. A grey arrow points from the 'DOWN' arrow on the left to the 'APPLY BOTTOM LABEL' button. Another grey arrow points from the 'OPTIONS' button to the 'APPLY BOTTOM LABEL' button. The background shows a typical PLU screen for 'Ground Beef' with various pricing and label information.

NET 1.30 lb		TARE 0.05 - LB -	UNIT PRICE 1.00 - \$ / LB -	TOTAL PRICE 1.30
Ground Beef				
OPTIONS	GRADE	SELL BY: 09/09/99	PLU #: 000001	SELL BY: 09/09/99
ACCUMULATOR AUTO	PACK DATE 09/09/99	FAMILY PACK	PRICE REDUCTION	RUN TOTALS PKGS: 0 ITEMS: 0 \$: 0.00
LABEL MODE NOT TURNED	PRINTER 2 OFF	DEMAND/REPEAT OFF	REWRAP	PRINT

Change Time/Date

From the Unit Setup screen, touch CHANGE TIME/DATE to bring up the Time and Date menu. To make changes, touch the appropriate menu option window and follow the instructions indicated below.

MONTH: 10	<p>TIME AND DATE</p> <p>QUIT</p> <p>Down</p>	MONTH: 10			
DAY: 10		7	8	9	CLEAR
YEAR: 00		4	5	6	
DATE FORMAT: MM/DD/YY		1	2	3	ENTER
DATE SEPARATOR: /		0	.	BACK SPACE	
HOUR: 12					
MINUTE: 30					
PM					

Figure 2-7: Change Time/Date Menu

- Month** Enter the current numeric month (1-12) through the numeric keyboard.
- Day** Enter the current numeric day (1-31) through the numeric keyboard.
- Year** Enter the last two digits of the current year through 99 or a single digit starting at 2000.
- Date Format** Select the date format (MM/DD/YY, DD/MM/YY, YY/MM/DD, or YY/Mon/DD) by touching the appropriate window.
- Date Separator** Choose the desired date separator (/ , - , or .) by touching the appropriate window.
- Time Format** Select either 12 or 24 hour formats.
- Hour** Enter the current hour (1-12) through the numeric keyboard.
- Minute** Enter the current minute (00 - 59) through the numeric keyboard.
- PM/AM** Select the appropriate time period (AM or PM) by touching the appropriate window.
- Send Time & Date To Master** (Touch Down to display this prompt) Touch this window, then SEND to send the time and date from this unit to the master unit.
- Date Forwarding Hour: 24** On the numeric keyboard, enter the hour after which "Pack Date" will be incremented. (This is displayed after touching DOWN.)

Label Quick Reference

This section is designed for quick reference on the basic steps for common needs in label formatting. There are 2 basic steps: defining or editing a label format, and assigning that format to one of the 7 slots available for that size. For complete instructions, refer to the Model 8361 Service Manual under sections "Program Label Formats" and "Printer Setup". **Remember to use the paging keys in all situations where a menu or list is presented.**

Defaults OK

If you want to accept the default label formats for all label sizes do nothing.

Assign Different Format

If the *default label sizes and formats meet your needs*, but you want to change which label format is assigned to a label type:

Change Format Assignment

- In the unit setup screen, touch PRINTER SETUP and select Printer 1 or Printer 2.
- Touch the **label size** you want to assign, then touch EDIT.
- Touch the **label type** (By weight, etc.) you want to assign, then touch EDIT.
- Select a slot 0-7 and touch [EDIT] to reassign that label position.
- Touch the **default label format** you wish to assign.
- Touch QUIT repeated times until you return to the Main Screen.

Custom From Default Format

If the *label sizes are acceptable*, but you need to create a custom label format using a *default label format* as a starting point:

Modify Default Format

- In the Unit Setup screen, touch PROGRAM LABEL FORMATS.
- Touch an Empty box [-----], then touch COPY DEFAULT.
- Touch the **label format default** you wish to copy.
- **!New Format!** will be displayed in the box. Touch this box, then EDIT to edit the label.
- Touch the **label format name** (New Format), then touch EDIT.
- From the keyboard, backspace over the name !New Format!, enter the new name then touch ENTER.
- The remaining boxes are entities on your label. **Edit, add and delete items as desired.**
- At any point in this process, touch TEST LABEL to see how your format looks.
- When you are finished, touch QUIT repeated times until you return to the UNIT SETUP screen.

Change Format Assignment

- Touch PRINTER SETUP.
- Touch the **label size** you want to assign, then touch EDIT.
- Touch the **label type** (By weight, etc.) you want to assign, then touch EDIT.
- Select a slot 0-7 and touch EDIT to reassign that label position.
- Touch the name of your **new label format**.
- Touch QUIT repeated times until you return to the Main Screen.

Custom From Another Custom Format

If the *label sizes are acceptable*, but you need to create a custom label format using an existing *custom label format* as a starting point:

Modify Custom Format

- In the Unit Setup screen, touch PROGRAM LABEL FORMATS.
- Touch the **existing format** you wish to copy, then touch COPY CURRENT.
- **!New Format!** will be displayed in the last box. Touch this box, then touch EDIT.
- Touch the **label format name** (New Format), then touch EDIT.
- From the keyboard, backspace over the name !New Format!, enter the new name and touch ENTER.
- The remaining boxes are entities on your label. **Edit, add and delete items as desired.**
- At any point in this process, touch TEST LABEL to see how your format looks.
- When you are finished, touch QUIT repeated times until you return to the UNIT SETUP screen.

Change Format Assignment

- Touch PRINTER SETUP.
- Touch the **label size** you want to assign, then touch EDIT.
- Touch the **label type** (By weight, etc.) you want to assign, then touch EDIT.
- Select a slot 0-7 and touch EDIT to reassign that label position.
- Touch the name of your **new label format**.
- Touch QUIT repeated times until you return to the Main Screen.

Custom From Scratch

If the *label sizes are acceptable*, but you need to create a custom label format *without copying an existing label*:

Create Custom Format

- In the Unit Setup screen, touch PROGRAM LABEL FORMATS.
- Touch an empty box [-----], then touch EDIT.
- Touch the **label format name** (Name), then touch EDIT.
- From the keyboard, enter the new name and touch ENTER.
- The remaining boxes are entities on your label. **Edit, add and delete items as desired.**
- At any point in this process, touch TEST LABEL to see how your format looks.
- When you are finished, touch QUIT repeated times until you return to the UNIT SETUP screen.

Change Format Assignment

- Touch PRINTER SETUP.
- Touch the **label size** you want to assign, then touch EDIT.
- Touch the **label type** (By weight, etc.) you want to assign, then touch EDIT.
- Select a slot 0-7 and touch EDIT to reassign that label position.
- Touch the name of your **new label format**.
- Touch QUIT repeated times until you return to the Main Screen.

PLU Screen Options

From Unit Setup, touch PLU SCREEN OPTIONS. From here a custom PLU Edit screen can be configured and macro functions can be programmed.

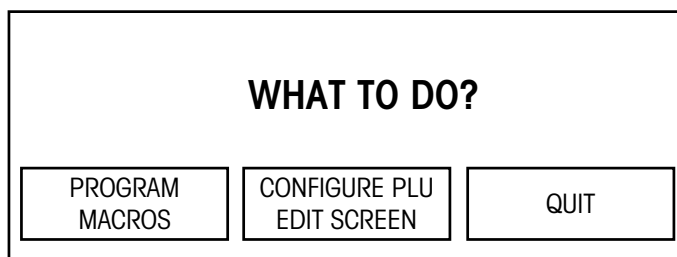


Figure 2-8: PLU Screen Options

Program Macros

MACROS				
01	FAMILY	PACK 1	0.10	0.10 No Change
02	PRICE	REDUCTION	-----	10% No Change
03	REWRAP	-----	-----	Mark as Rewrap
04	(UNUSED MACRO)			
05	(UNUSED MACRO)			
06	(UNUSED MACRO)			
07	(UNUSED MACRO)			
08	(UNUSED MACRO)			
09	(UNUSED MACRO)			
10	(UNUSED MACRO)			
11	(UNUSED MACRO)			
12	(UNUSED MACRO)			

Figure 2-9: List of Macros to edit

Touch PROGRAM MACROS from the PLU Screen Options in Unit Setup. A screen with all the macros is presented. To edit a macro, touch that key. The macro edit screen will be presented with the following options.

PRICE REDUCTION	<div>QUIT</div> <div>EDIT</div> <div>CLEAR</div>
NEW TARE: No Change	
DISCOUNT: 10%	
ACCUMULATOR: No Change	

Figure 2-10: Options for editing a macro

MACRO NAME - Touch EDIT to change the macro name on the alphanumeric keyboard.

NEW TARE - This will set up a tare override value. On the numeric keyboard enter the new value.

DISCOUNT - This will establish the type of price reduction for a particular macro. Select "None", "%", or "Discount/Unit" and enter the new value on the numeric keyboard. For "Discount/Unit", the amount entered will be price off per pound.

ACCUMULATOR - This will select an accumulator for which the totals for the particular transaction will be directed to. Select from the choices on the right side of

the screen: "No Change", "Next Accumulator", "Mark as Manual Price", "Mark as Rewrap", "Force to AUTO", "Force to MANUAL", "Force to REWRAP", "Force to COMBINATION", or "Force to INVENTORY".

Configure PLU Edit Screen

Touch CONFIGURE PLU EDIT SCREEN from the PLU Screen Options in Unit Setup. The current PLU Edit Screen as currently configured will be displayed.

OPTIONS		DESCRIPTION				QUIT	
GRADE		SELL BY: 09/09/99		PLU #: 000001		USE BY: 09/09/99	
ACCUMULATOR AUTO		PACK DATE 09/09/99		FAMILY PACK 1		PRICE REDUCTION	
LABEL MODE NOT TURNED		PRINTER 2		DEMAND MODE OFF		REWRAP	
						RUN TOTALS	
						PRINT	

Figure 2-11: Current PLU Edit Screen Setup

Keys which can be manually overridden are double boxed. There are 9 programmable keys on the PLU Edit Screen. In the screen above, the following are the programmable keys: Grade, Accumulator, Label Mode, Pack Date, Printer 2, Family Pack, Demand Mode, Price Reduction and Rewrap. Touch the key to be changed. A screen with all the possible keys will be presented. Select the new key for this location or QUIT. Upon selection, the operator is returned to the PLU Edit Screen to continue setup. The programmable keys are listed with their functions.

PACK DATE 99/99/99	ACCUMULATOR AUTO	FAMILY PACK 1	MACRO 6	QUIT	DOWN
EXTRA TEXT 0	GRAPHIC: NONE	PRICE REDUCTION	MACRO 7	MACRO 11	
GRADE	PRINTER 2	REWRAP	MACRO 8	MACRO 12	
LABEL MODE NOT TURNED	PRINT INHIBITS	MACRO 4	MACRO 9	SAT GRAPHIC: SATELLITE GR	
LABEL FORMAT NONE	DEMAND MODE OFF	MACRO 5	MACRO 10	PRINTER 2 BATCH	

APPLY BOTTOM LABEL	QUIT	UP
-----------------------	------	----

Figure 2-12: Options Available for placement on the PLU Edit Screen (Page 1 and 2)

The macro keys (Macro 4-12) can be used to program special function macros including tare changes, discounts, accumulators, etc.

Extra Text Number - The number of the Extra Text which goes with that PLU.

Pack Date - The date the product was packed and labeled.

Grade - The number of the user programmed 0-15 grade descriptions.

Label Turn/No Turn - Configuration for label application.

Accumulator - Assigns an alternate accumulator aside from that which is linked through the PLU. This function toggles between Auto, Manual, Rewrap, Combination and Inventory.

Graphic Number (Master) - Assigns number of graphic from the Master.

Graphic Number (Satellite) - Assigns number of satellite graphic.

Printer 2 (off/GR/NG) - Allows override of printer 2 by turning it off, selecting a Nutrifact, a linked graphic, a store logo or a Satellite graphic.

Print Inhibit - Touch this key to select which fields to inhibit from printing on the label.

Demand Mode - Assigns a continuous or finite amount of labels to issue. The Printer must be set up for Stripped Mode to activate Demand Mode.

Label Format - Assigns a label format to be substituted on the PLU screen.

Macros (12) - 12 macros are available for programming. Three standard macros are available:

Rewrap - A product can be rewrapped and placed in the Rewrap accumulator.

Family Pack 1 - Tare is changed to .1 lb or .1 kg and Price is reduced by \$0.10 per unit.

Price Reduction - Reduces price by 10%.

Apply Bottom Label - (Shown on Page 2 by touching DOWN) This is a toggle key used to command the Model 702 to apply bottom labels to all of the packages in a run. When the key is black, the Model 702 will apply labels to all packages until END RUN is touched. When the key is clear, normal label application occurs.

Turn Label – The Turn Label button is a toggle key used to turn the data label on the package when using an autolabeler. **Not Turned** will place the label at the upper right of the package when feed into the labeler in landscape orientation. **Turned** places the label in the upper right portrait. **Alt. Turned** (Version 3.0 software or later) places the label at the lower right in landscape orientation.

PLU Options

From the Unit Setup screen, touch PLU OPTIONS to enable/disable manual overrides and key functions. Touch the boxes to toggle the condition from **YES** to **NO** (yes meaning manual override is allowed) or **AVAILABLE** to **NOT AVAILABLE**. Default selections are shown below. If enabled, the key will be "double boxed" as it appears on the PLU Edit Screen to indicate the value can be overridden or the function is available for operation. Touch DOWN to display the second page options.

MODIFY USE BY DAY:	YES	MODIFY COUNT:	YES	QUIT	DOWN
MODIFY SHELF LIFE:	YES	MODIFY EXTRA TEXT:	YES		
MODIFY NET WEIGHT:	YES	GRADE KEY:	AVAILABLE	MODIFY LABEL TURN:	YES
MODIFY UNIT PRICE:	YES	LABEL FORMAT KEY:	AVAILABLE	USE OPERATOR TOTALS:	NO
MODIFY TARE:	YES	MODIFY GRAPHIC:	YES	MODIFY PRINT INHIBITS:	YES
MODIFY ACCUMULATOR:	YES	MODIFY DEMAND MODE:	YES	MODIFY PRINTER 2:	YES

INHIBITS RUN TOTAL:	NO	QUIT	UP
CASE LABELING:	NO		
COMMA IN WEIGHT:	NO		
CHANGE PACK DATE:	NO		

Figure 2-13: PLU Options Screen 1 and 2

Verify Labels

From the Unit Setup screen, touch VERIFY LABELS to print verification labels for all selected items in a department. To make changes, touch the appropriate menu option window and follow the instructions indicated below. The label format for Verify Labels is selected in Printer Setup.

START ITEM: 1		VERIFICATION LABELS <div>QUIT</div>		START ITEM:			
END ITEM: 999999				1			
BEGIN PRINTING				7	8	9	CLEAR
DEPARTMENT: 0				4	5	6	
		1	2	3	ENTER		
		0	.	BACK/ SPACE			

Figure 2-14: Verify Labels Setup Screen

START ITEM: 1 - Enter the beginning of the range of PLU numbers via the numeric keyboard.

END ITEM: 999999 - Enter the end of the range of PLU numbers via the numeric keyboard.

BEGIN PRINTING - Touch this window option and then BEGIN to begin the printout. To stop the printout in progress, touch the screen.

DEPARTMENT: 0 - Touch SELECT to generate a list of departments. Page through the list and touch the desired department to select it.

Change Department

From the Unit Setup screen, touch CHANGE DEPARTMENT to display a list of departments. The currently selected department will be double boxed. To select a new department, touch it. To exit without changing the department, touch QUIT. The department information is updated from the master when a new department is selected.

SELECT DEPARTMENT		<div>QUIT</div>
00 Meat		
01 Prepack Meat		
02 Deli		
03 Fish		
04 Pizza		
05 Produce		
06 Floral		
07 Bakery		
08		
09		

Figure 2-15: Select Department Screen

Program Password

From the Unit Setup screen, touch PROGRAM PASSWORD. First enter the Supervisor password (1-9999).

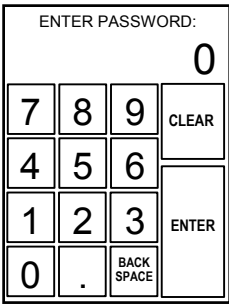


Figure 2-16: Change Password Entry Keyboard

After entering the supervisor password, you will be asked “Enter/Change Operator Password?” Select YES to enter the operator password, or NO to skip this step. You must enter a Supervisor password in order to enter an operator password.

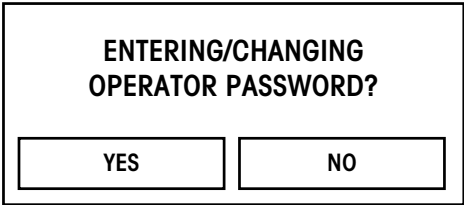


Figure 2-17: Operator Password

If Yes is selected, the supervisor can then select which functions to disable when an operator enters Unit Setup. Disabled functions will be displayed as grayed keys in the Unit Setup screen.

OPERATOR ACCESS SETUP			QUIT
PROGRAM PRESET KEYS	WRAPPER PACKAGE COUNT		CHANGE TIME/DATE
CALIBRATE/INSTALL UNIT	PERIPHERAL CONFIGURATION	PROGRAM LABEL FORMATS	PRINTER SETUP
	PLU SCREEN OPTIONS	PLU OPTIONS	VERIFY LABELS
	CHANGE DEPARTMENT	PROGRAM PASSWORD	SET BEEPER DURATION

Figure 2-18: Operator Access Setup

To disable the password function, enter the supervisor password, touch CLEAR.

3

Operating the Scale

Numeric Entry Screen

If the Preset Entry screen is in use, touch the NUMERIC key to select the Numeric Entry Screen (Figure 3-1). PLUs can be called by keying in the PLU number and touching the ENTER key. PLUs can also be called by touching one of the preset pages, then one of the preset keys, or by selecting the LIST ITEMS key and choosing from the PLU list. Touch the PRESET MODE key to display the Preset Mode Screen (Figure 3-2).

Touch To Zero 0.00 Gross zero		DEPT: 0 - DELI 07/28/02 03:30 PM UNIT ID: 146.202.148.1		ENTER PLU: 0			
Setup	PRESET PAGE	PRESET PAGE	CASE PULLS	7	8	9	CLEAR
	PRESET PAGE	PRESET PAGE		4	5	6	
	PRESET PAGE	PRESET PAGE	CUTTING TEST: OFF	1	2	3	ENTER
	PRESET PAGE	PRESET PAGE		0		BACK/SPACE	
Void							
LIST ITEMS							
PRESET MODE							

Figure 3-1: Numeric PLU Entry Screen

Preset Entry Screen

If the Numeric Entry screen is in use, touch the PRESET MODE key to select the Preset Entry screen. The last used preset page will appear. Touch the key naming the item you wish to call up, or touch the PAGE FORWARD, PAGE BACKWARD, or SELECT PAGE key to select another preset page. Touch the NUMERIC key to display the Numeric Screen (Figure 3-1). To call a PLU, touch one the Preset Keys to select the item.

Touch To Zero 0.00 lb Gross		BEEF		CASE PULLS	NUMERIC	VOID	PAGE FORWARD
				CUTTING TEST: OFF	LIST ITEMS	SELECT PAGE	PAGE BACKWARD
PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY
PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY
PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY
PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY
PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY	PRESET KEY

Figure 3-2: Preset PLU Entry Screen

Interactive Function Keys

SETUP	Used to access Unit Setup or Master Editor (Master Programming Manual).
VOID	Used to subtract the accumulated values of the last transaction. When the VOID key is touched, the Item name and values of the last 10 runs will display. Select the run that contains the transaction to be voided. If there is more than one item in the transaction, choose "Entire Run" or "Individual Items". If "Individual Items" is selected, a numeric value for the amount to be voided must be entered. When finished entering the values of the items to be voided, touch CLEAR. If "Entire Run" is selected, "Void Boxed Transaction?" appears on the screen with the option to "Void" or "Cancel". If there is only one transaction within the run selected, the "Void Boxed Run?" screen will display with a choice to void or cancel.
LIST ITEMS	Lists the backup PLUs for the current department. Page through the list to find the desired item and touch it to select.
PRESET MODE	Will change the mode of PLU selection from the Numeric PLU entry screen to the Preset PLU entry screen.
PRESET PAGES	If preset pages are programmed you may touch the Preset Page key (up to ten may appear) that names the category of product you wish to call. The unit will then display the Preset PLU entry screen for the chosen category. Touch the item you wish to call. After the current transaction is complete, the screen will return to the Numeric PLU entry screen.
CASE PULLS	Not implemented in this version of software.
CUTTING TEST:	This key will indicate the cutting test status by displaying OFF for no test or the cutting test number if a test is in progress. To start or continue a test, touch the CUTTING TEST key. If this is a new cutting test, a screen will appear with the options to edit the following product data: Number, Cost, Weight, and Invoice Price/Per lb. Options to Clear and Keep the data are also available. Once this is entered, the numeric keyboard now prompts for "Test PLU". Continue entering PLU's and weighing items for the duration of the cutting test. To exit from the cutting test, touch the CUTTING TEST key again. If a cutting test was already started, when touching CUTTING TEST, an option will be given to CONTINUE or CANCEL the cutting test.

PLU Edit Screen

After the PLU is selected through the Numeric Entry screen or the Preset Entry screen, the PLU Edit screen will display (Figure 3-3). This display will differ depending on the PLU types. If an option can be changed, the box will display with double lines. Options displayed with a single box cannot be changed. All changes made through this screen will be for the *current transaction only* and the changes will not be saved to the PLU record. To access an option not displayed on the PLU Edit Screen, touch the OPTIONS key. Refer to Chapter 2 Configure PLU Edit Screen for an explanation of the key functions.

NET 1.30 lb	TARE 0.05 - LB -	UNIT PRICE 1.00 - \$ / LB -	TOTAL PRICE (\$) 1.30
OPTIONS	Ground Beef		END RUN
GRADE	SELL BY: 09/09/99	PLU #: 000001	SELL BY: 09/09/99
ACCUMULATOR AUTO	PACK DATE 10/10/02	FAMILY PACK	PRICE REDUCTION
LABEL MODE NOT TURNED	PRINTER 2 OFF	DEMAND/REPEAT OFF	REWRAP
			PRINT
RUN TOTALS PKGS: 0 ITEMS: 0 \$: 0.00			

Figure 3-3: PLU Edit Screen (By-Weight Shown)

PACK DATE 99/99/99	ACCUMULATOR AUTO	FAMILY PACK 1	MACRO 6	QUIT	DOWN
EXTRA TEXT 0	GRAPHIC: NONE	PRICE REDUCTION	MACRO 7	MACRO 11	
GRADE	PRINTER 2	REWRAP	MACRO 8	MACRO 12	
LABEL MODE NOT TURNED	PRINT INHIBITS	MACRO 4	MACRO 9	SAT GRAPHIC: SATELLITE GR	
LABEL FORMAT NONE	DEMAND MODE OFF	MACRO 5	MACRO 10	PRINTER 2 BATCH	

APPLY BOTTOM LABEL	QUIT	UP
-----------------------	-------------	-----------

Options Screens

Manual Entries

Keys that are "double boxed" in the PLU Edit screen are active function keys. Active keys are configured through the Unit Setup, PLU Options screen. In certain situations, a PLU may *require* an item (such as unit price or tare) to be manually entered. (The "forced" values are determined when the PLU is programmed through the Master Editor, see Master Programming Manual.) If a manual entry is forced, the appropriate editing method (numeric keyboard, etc.) will appear, otherwise the user must touch the desired "double boxed" item to reach the editing screen.

Operations with the PLU Edit Screen

By-Weight PLUs

If the PLU called is a weighed item, place the item on the platter to issue a label. By-Weight items can be priced in three ways:

1. Priced "Per Pound" - Typically weighed items are priced per the pound. The weight multiplied by the unit price equals the total price of the product to the customer.
2. Priced "Per Fraction of a Pound" (fractional) - The item may also be priced by the fraction of the pound (where legal and desired). Pricing per 1/4 pound and per 1/2 pound are available.
3. "Pounds for" price - The PLU may be sold with a pounds for price (rather than price per pound). (2 pounds for \$1.00).

Standard Pack PLUs

The Standard Pack PLU allows the operator to use the scale for a labeling operation. Generally, the labels indicate the net weight of the item and total price. If the item is a Standard Pack item, enter the weight in ounces (if forced or needs to be changed), set the quantity of labels desired by turning demand mode on and touching the run totals box to enter the amount (default is 1). Touch PRINT to initiate printing of labels. Touch the screen to stop printing early.

By-Count PLUs

The By-Count PLU allows the operator to use the scale for a labeling operation. If the total weight for the items is needed, a weight field can be configured on the label to print the weight of the items in addition to the By-Count information. If the item is sold By-Count, after adjusting the count (if allowed) and the number of labels, touch PRINT to initiate printing. Touch the screen to stop printing.

Manual PLUs

Manual PLUs may contain description and date information as well as label formats, but generally they do not have pricing information. Most of the items on a Manual PLU can be overridden. If the item is a Manual PLU, a screen will be displayed to select the Pricing Mode. Touch the appropriate selection, then enter the requested data into the numeric keyboard. Adjust the parameters as necessary, then touch PRINT to receive a label.

Case Labeling

When calling a case label PLU (PLU's with groups 50-70 assigned, refer to Master Programming Manual), enter the weight of the case up to a maximum of 99.99. When selecting a case label PLU, no totals can be printed and the tare key is inactive. No totals are sent to the master for this type of label.

Security Labels

The APPLY BOTTOM LABEL key must be configured under PLU SCREEN OPTIONS under UNIT SETUP.

The **APPLY BOTTOM LABEL** key is a toggle key used to command the Model 702 to apply bottom labels to all of the packages in a run. When the key is black, the Model 702 will apply labels to all packages until END RUN is touched. When the key is clear, normal label application occurs.

Cutting Test

Data collected during a Cutting Test can be used produce a report detailing the saleable yield of a primal cut. The Model 8361 Satellite can store up to 25 Cutting Tests.

The Cutting Test Report can be printed from the **Smart Touch®** Master, or the data can be uploaded to a host PC. Software programs such as METTLER TOLEDO Intelli-Net™ can collect the cutting test data and print the report. Intelli-Net™ and the **Smart Touch®** Master will ask for the ID number of the 8361 prior to uploading the data.

The operator of the Model 8361 can enter and exit the test at any time and resume at a later date. Up to 25 Cutting Tests can be stored in the Model 8361. Each cutting test can have up to 20 PLUs.

Before Starting the Test

To include bone and fat in the tests, the following two By-Weight PLU records should be created:

- **Bone** - Enter unit price as zero.
- **Fat** - Enter unit price as zero.

The master will recognize the zero price non-saleable items and will split them from the saleable items on the report. A third By-Weight PLU for miscellaneous trimmings can also be created and included in the test.

Running a Cutting Test

To start a cutting test, touch the CUTTING TEST: OFF box. You then are prompted to enter the Cutting Test Number, as shown in Figure 3-4.

Touch To Zero 0.00 Gross zero		DEPT: 0 - DELI 07/28/02 03:30 PM UNIT ID: 1		CUTTEST: 0		
Setup		CASE PULLS	7	8	9	CLEAR
Void			4	5	6	
LIST ITEMS			1	2	3	ENTER
PRESET MODE			0		BACK/ SPACE	

First, touch the CUTTING TEST key.

Then enter the Cutting Test number from 1-25.

Figure 3-4: Starting a Cutting Test

Chapter 3: Operating the Scale

Cutting Test

The Product Data screen will then display. Enter the data by touching the key. When you are finished, touch the START TEST key. If a previous test has been run, the data from the previous test will be displayed. You can continue with a test that was not completed, or start a new test using this test number. Touch CLEAR to start a new test and clear all the previous data.

PRODUCT DATA							
CLEAR	PRODUCT: 0	VENDOR#: 0	OPER #: 0	COST: 0.00	WEIGHT: 0.00	PER lb: 0.00	START TEST

Use to clear all of the data from a previous test to zero.

The Product (Primal) number identifies the product from which the items are cut from. This can be a number from a vendor or one you create.

Vendor Number if used.

Operator Number if used.

Total cost of the product.

The net weight of the product.

The price per pound of the product.

Starts the cutting test. Also used to exit from cutting test mode by touching START TEST, then CLEAR on the keyboard.

Figure 3-5: Enter Product Data

After the START TEST key is touched, you are prompted to enter the PLU number of one of the items cut from the primal product.

While in Cutting Test Mode, the prompt will read TEST PLU instead of ENTER PLU.

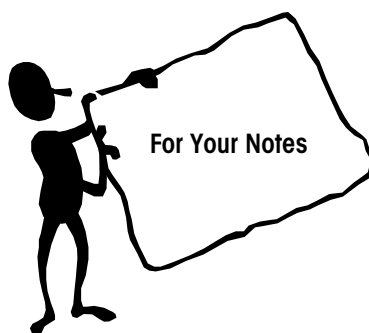
Touch To Zero 0.00 <small>Gross zero</small>	DEPT: 0 - DELI 07/28/02 03:30 PM UNIT ID: 1	TEST PLU: 0													
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Setup</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Void</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">LIST ITEMS</div> <div style="border: 1px solid black; padding: 5px;">PRESET MODE</div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">CASE PULLS</div> <div style="border: 1px solid black; padding: 5px;">CUT-ING TEST: 1</div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33.33%; text-align: center;">7</td> <td style="width: 33.33%; text-align: center;">8</td> <td style="width: 33.33%; text-align: center;">9</td> <td rowspan="4" style="width: 33.33%; text-align: center; vertical-align: middle;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">CLEAR</div> <div style="border: 1px solid black; padding: 5px;">ENTER</div> </td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">BACK/SPACE</td> <td></td> </tr> </table>	7	8	9	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">CLEAR</div> <div style="border: 1px solid black; padding: 5px;">ENTER</div>	4	5	6	1	2	3	0	BACK/SPACE	
7	8	9	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">CLEAR</div> <div style="border: 1px solid black; padding: 5px;">ENTER</div>												
4	5	6													
1	2	3													
0	BACK/SPACE														

While in Test Mode, the key shows the cutting test number. Touch the CUTTING TEST key to end the test.

Enter the PLU number of an item cut from the primal product.

Figure 3-6: Screen while in Test Mode

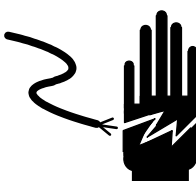

You can continue to run items cut from the primal product, or end the test and continue later. The data is stored in the satellite until it is cleared using the CLEAR key (see Figure 3-5). After all of the items have been entered in the cutting test, the PLU numbers for Bone, Fat, and Trimmings should be weighed and a label printed for each PLU (The date is entered into the test only when the PRINT key is touched). The Bone and Fat items run at zero price will appear below the saleable yield line on the report. The test is complete when all items from the test product are run.

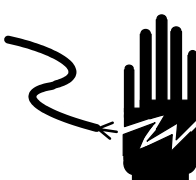



4

Maintenance

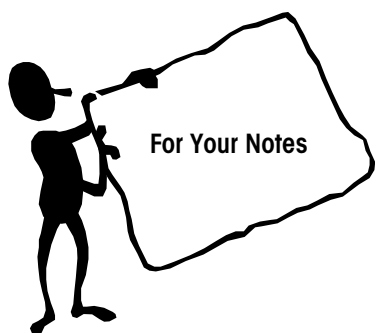
External Cleaning

	 WARNING
	DO NOT SPRAY OR WASH DOWN. HAZARD OF ELECTRICAL SHOCK OR BURN.

	 WARNING
	DISCONNECT ALL POWER TO THIS UNIT BEFORE INSTALLING, SERVICING, CLEANING, OR REMOVING THE FUSE. FAILURE TO DO SO COULD RESULT IN BODILY HARM AND/OR PROPERTY DAMAGE.

Turn scale power off by placing the power switch to the OFF position (press the "o" on the power switch). Remove the power cord from the outlet.

Use a soft clean cloth dampened with a mild detergent and water (or a mild cleaner) to wipe the exterior surfaces. Do not spray liquid directly on the unit. A mild spray cleaner can be used by spraying the cleaning cloth. Do not use solvents or commercial cleaners on the unit. They may harm the surfaces or damage the screen.



METTLER TOLEDO

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