



METTLER TOLEDO

8442

Stand Alone Scale / Printer Operator Manual

**1325220TC
(7/00)**

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INTRODUCTION

Your new 8442 unit is among the finest precision digital computing scales available. It is simple to use and requires minimum maintenance. These scales come from a proud tradition that has made METTLER TOLEDO the worldwide symbol of the highest quality in precision weighing equipment.

Please read these instructions carefully. You will find operating the unit is very simple. In the unlikely event you should experience difficulties, contact your authorized METTLER TOLEDO SERVICE OFFICE listed in the yellow pages of your telephone directory.

Properly used and maintained, your new scale will provide years of accurate weighing which will protect your profits and your customers. Please handle your scale as you would any fine electronic equipment.

FCC Notice

This device complies with Part 15 of the FCC Rules and the Radio Interference Requirements of the Canadian Department of Communications. Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**METTLER TOLEDO RESERVES THE RIGHT TO MAKE REFINEMENTS OR
CHANGES WITHOUT NOTICE.**

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.

CALL METTLER TOLEDO for parts, information, and service.

	WARNING ONLY PERMIT QUALIFIED PERSONNEL TO SERVICE THIS EQUIPMENT. EXERCISE CARE WHEN MAKING CHECKS, TESTS AND ADJUSTMENTS THAT MUST BE MADE WITH POWER ON. FAILING TO OBSERVE THESE PRECAUTIONS CAN RESULT IN BODILY HARM.
---	--

	WARNING FOR CONTINUED PROTECTION AGAINST SHOCK HAZARD CONNECT TO PROPERLY GROUNDED OUTLET ONLY. DO NOT REMOVE THE GROUND PRONG.
---	--

	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.
--	--

CAUTION BEFORE CONNECTING/DISCONNECTING ANY INTERNAL ELECTRONIC COMPONENTS OR INTERCONNECTING WIRING BETWEEN ELECTRONIC EQUIPMENT ALWAYS REMOVE POWER AND WAIT AT LEAST THIRTY (30) SECONDS BEFORE ANY CONNECTIONS OR DISCONNECTIONS ARE MADE. FAILURE TO OBSERVE THESE PRECAUTIONS COULD RESULT IN DAMAGE TO OR DESTRUCTION OF THE EQUIPMENT OR BODILY HARM.

CAUTION OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.

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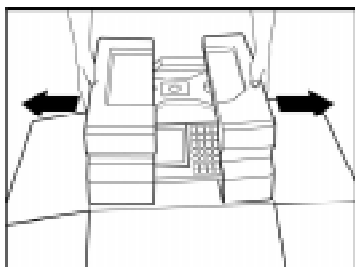
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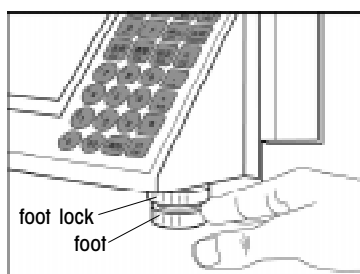
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Installation

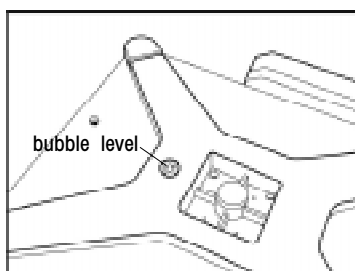
Leveling



Open up the package box. Take out the platter first, then take out the scale. Take off the foam inserts and plastic bag. Put the scale on the working counter.



Adjust the four feet until the bubble is in the center of the bubble level. Then adjust the foot locks until the feet are fixed.



Bubble Level

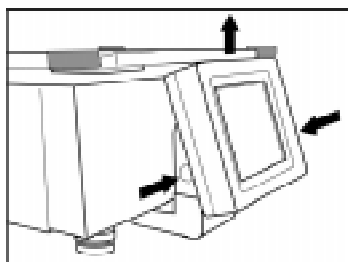


Right

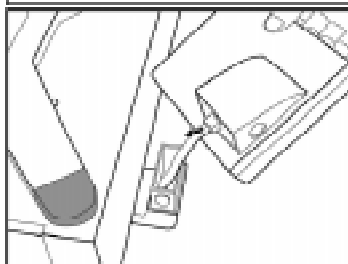


Wrong

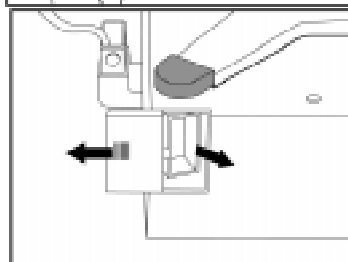
Install Tower Kit



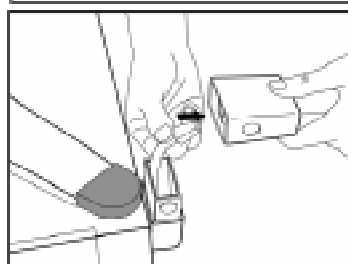
Press two buttons, which are at the two sides of the back display base. Then release the back display from base.



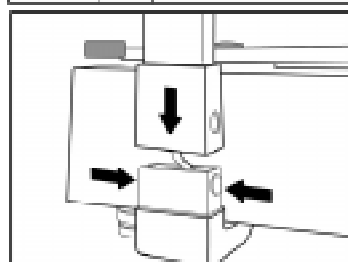
Unplug the phone jack connector from the socket on the back display.



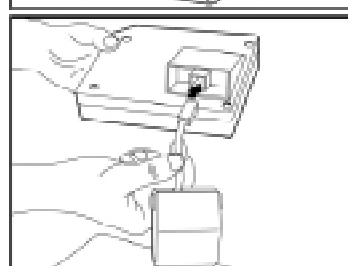
Open the small door at the left side of the scale. Take out the tower from the scale. Then close the door. Remove the adhesive tape around one head of the tower.



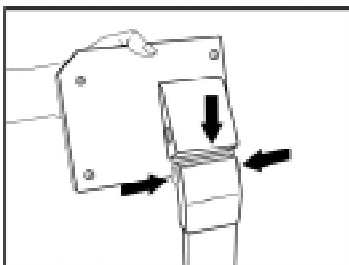
Plug the phone jack connector of the display base into the socket on the straight end of the tower.



Press the buttons, which are on the sides of the back display base. Then insert the tower.

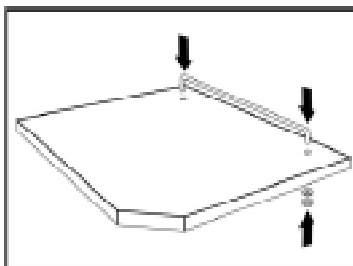


Plug the phone jack connector on the other end of the tower, into the socket on the back display.



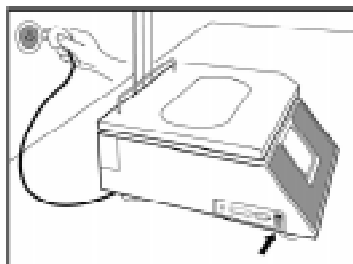
Press the buttons, which are on the sides of the tower. Then insert the back display.

Install protecting rod on the platter



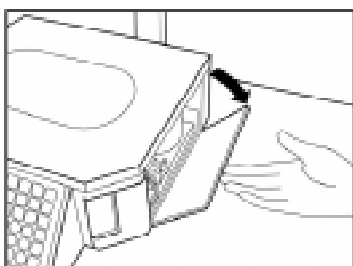
Take out the nuts, washers and the protecting rod from accessory bag. Insert the rod into the two holes on the platter, then fix it with the nuts and washers. Put the platter on the scale.

Power on

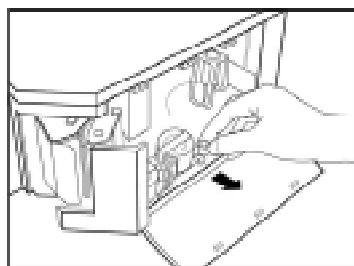


Take the power cord from the package box. Install the power cord in the receptacle on the bottom of the scale. (If unit has been stored or transported in below freezing temperatures, allow the unit to warm up to room temperature before turning on AC power.) Connect the power cord to AC power. Set the power switch to the ON position. Allow at least 30 minutes warm-up time before initial calibration.

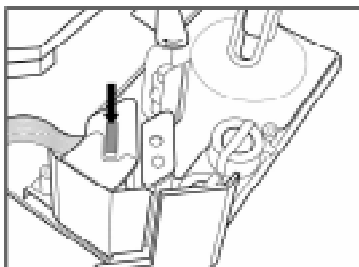
Install label roll



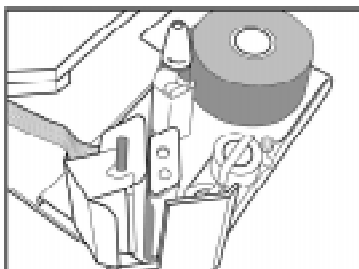
Remove the adhesive tape on the plastic door on the right side of the scale, and open the door.



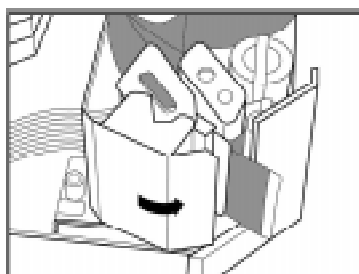
Slide out the printer.



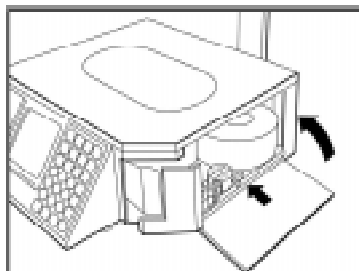
Press the trigger to open the printer head.



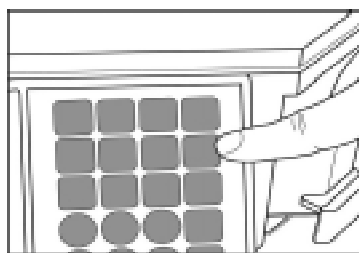
Install the label according to the instruction legend on the printer frame. Don't forget to roll the liner on the rewind spool.



Close the printer head gently, until it clicks.



Slide the printer into the scale. Close the plastic door.



Press the FEED LABEL key to bring the label into the start position.

Keyboard

Meaning of the function keys

The 28 keys on the right keypad are function keys.

CODE	To activate code mode, or log on/off an operator	ZERO	To return the scale to zero
	To scroll down to the next selection	TARE	To tare the weight or clear a tare
	To scroll up to the previous selection	PRICE CHANGE	To override the price of a PLU
ENTER	To confirm a selected item	CNT/WT CHANGE	To override the quantity or the net weight of a By Count item.
CLEAR	To clear last entry	SHELF LIFE CHANGE	To override the sell by date
PRINT	To register a transaction and issue a label. This key is used as a default operator key.	ET CHANGE	To override the Extra Text number of a called PLU
VOID	To delete a transaction from the scale's accumulators	ADV. CHANGE	To override the Advertise Text number of a called PLU
MODE	To switch the scale modes	LBL FMT CHANGE	To override the label format number of a called PLU
FEED LABEL	To actuate label feeding	QTY LABEL	To print a batch of By Count PLU labels.

Direct access keys

The 28 keys on the left may be programmed as direct access keys.

PLU PRESET	To recall a PLU, all of the direct access keys can be configured as PLU PRESET key	OPERATOR KEY	To register a transaction into the operator's accumulator, who has logged on this key. Only "Z", ".", and "SPACE" keys can be configured as OPERATOR KEY. "PRINT" key on the function key area also is a OPERATOR KEY.
DISCOUNT KEY	To offer a discount for a called PLU. Only "Y" can be configured as DISCOUNT KEY.		

Remark :

The direct access keys should be configured first, by means of the keyboard configuration.

Programming membrane

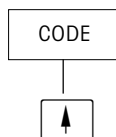
The following function keys can be used as programming keys while entering PLU description, store address, Extra Text and etc.

MODE	Go to the beginning of the line	VOID	Delete
QTY LABEL	Go to the end of the line	PRINT	Shift-lock key, normal/CAPITAL character switching
LBL FMT CHANGE	Move the cursor to the left	CLEAR	Clear the whole text
ADV. CHANGE	Move the cursor to the right	ET CHANGE	Enter a character in ASCII table
PRICE CHANGE	Switch between insert status and overwrite status	CNT/WT CHANGE	Select font size, only used for ticket header and footer
ZERO	Backspace	SHELF LIFE CHANGE	Center the text, only used for ticket header and footer
TARE	Carriage return		

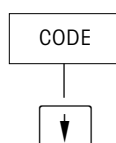
The following numerical keys can be used to enter the special characters while SHIFT is active.

0	=
1	!
2	-
3	+
4	\$
5	%
6	&
7	/
8	(
9	)

Turn on the back light



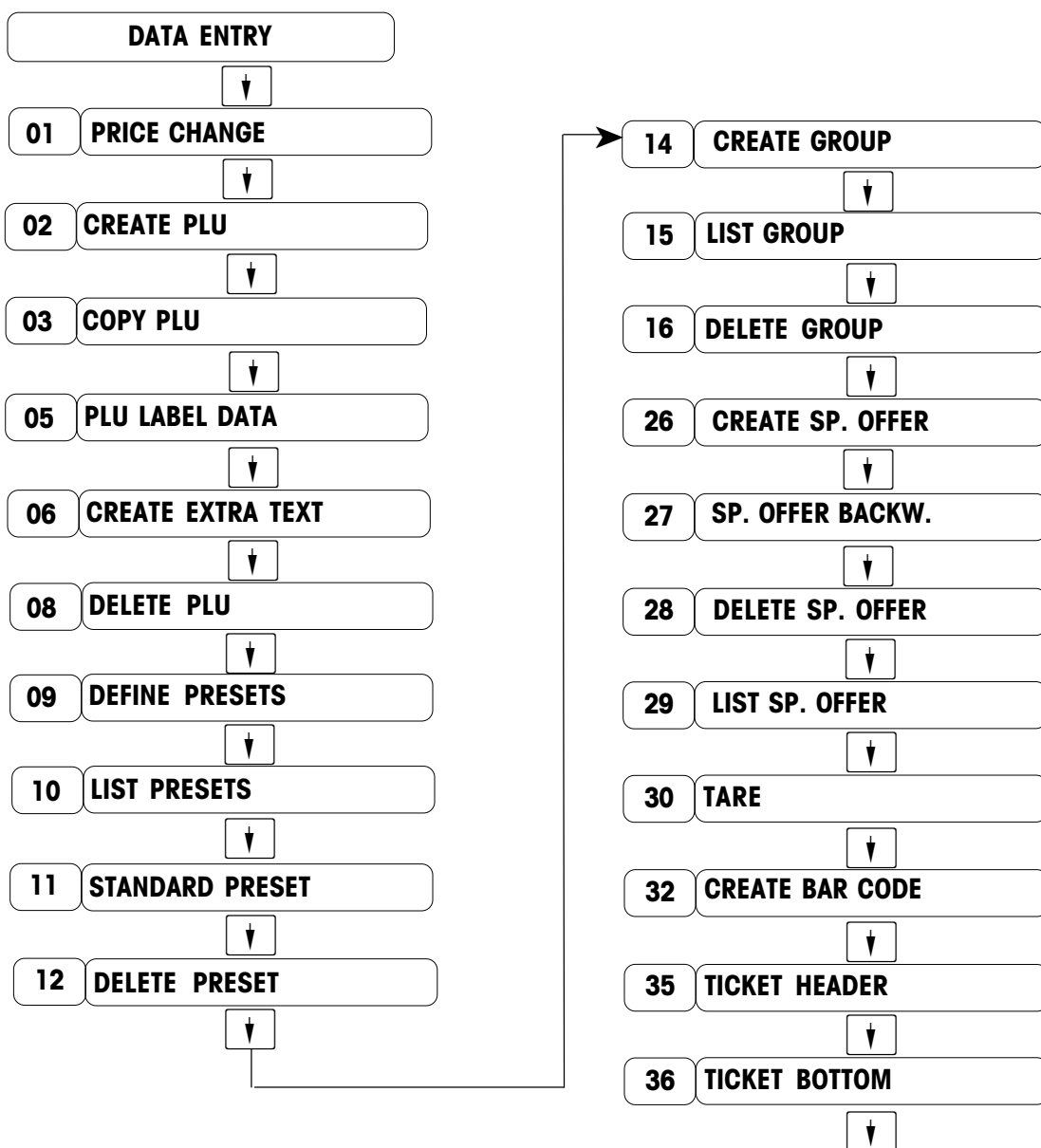
Turn off the back light



Preparatory actions

Presentation of the "DATA ENTRY" menu

CODE ENTER Call the "DATA ENTRY" menu

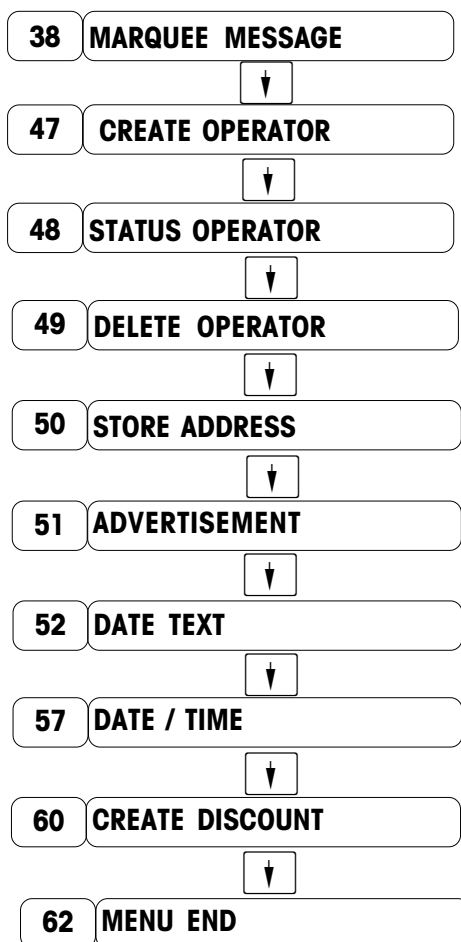


Select desired menu with or enter preset code and activate with ENTER key.

Continued :
Presentation of the "DATA ENTRY" menu
on the next page

Presentation of the "DATA ENTRY" menu

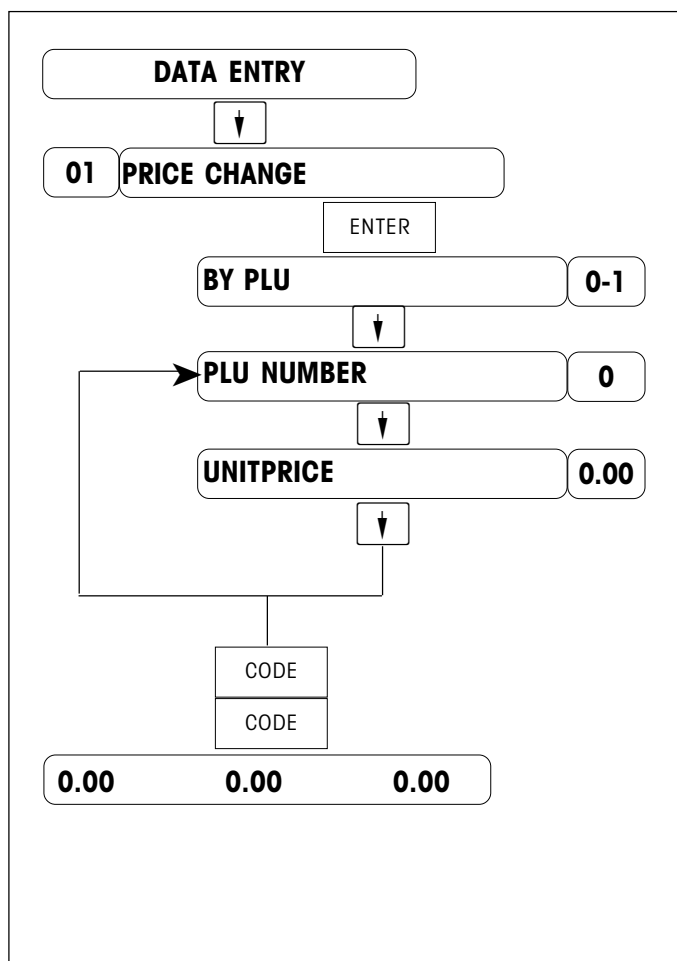
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Select desired menu with  or  enter preset code and activate with ENTER key.

Price change

CODE 1 ENTER Call the "DATA ENTRY" menu



Press once or enter preset code 01.

= by PLU entry^{*)}

= by preset key ^{*)}

Enter PLU number.

Enter the unit-price.

Press for other price changes.

Press 2 times to return to weighing mode.

Remark : Price changes can also be accomplished with the "Quick change" function

CODE 8 ENTER

* This mark lets you define which way you want to enter the PLU code in this part :

=by PLU entry: enter the PLU code with the numeric keypad.

=by preset key : the PLU code allocated to a preset key is called when this key is pressed.

PLU definition

CODE

1

ENTER

Call the "DATA ENTRY" menu

```

graph TD
    DE[DATA ENTRY] --> D1[↓]
    D1 --> C02[02 CREATE PLU]
    C02 --> E[ENTER]
    E --> PN[PLU NUMBER 0]
    PN --> D2[↓]
    D2 --> IN[ITEM NUMBER 0]
    IN --> D3[↓]
    D3 --> ET[ENTER TEXT]
    ET --> D4[↓]
    D4 --> GN[GROUP NUMBER 0]
    GN --> D5[↓]
    D5 --> UP[UNIT PRICE 0.00]
    UP --> D6[↓]
    D6 --> TN[TARE NUMBER 0]
    TN --> D7[↓]
    D7 --> BW[BY WEIGHT 0-1]
    BW --> D8[↓]
    D8 --> ND[NO DISCOUNT 0-1]
    ND --> D9[↓]
    D9 --> OP[OPEN PRICE NO 0-1]
    OP --> D10[↓]
    D10 --> C[CODE]
    C --> C2[CODE]
    C2 --> R[0.00 0.00 0.00]
  
```

The flowchart illustrates the sequence of steps to define a PLU. It starts with the 'DATA ENTRY' menu, followed by selecting '02 CREATE PLU'. After pressing 'ENTER', the user enters the 'PLU NUMBER' (0), 'ITEM NUMBER' (0), and 'ENTER TEXT'. Then, the 'GROUP NUMBER' (0), 'UNIT PRICE' (0.00), 'TARE NUMBER' (0), 'BY WEIGHT' (0-1), 'NO DISCOUNT' (0-1), and 'OPEN PRICE' (NO) are entered. Finally, the 'CODE' is entered twice, leading to a display of '0.00 0.00 0.00'.

Press the key twice or enter the preset code 02.

Enter the PLU number.

Enter the article number (up to 13 digits).

Enter the PLU description
(up to 2 lines and 36 characters each line)

Enter the group number (1-20).

Enter the unitprice.

Enter the tare number (1-16).

Is it a By Count or a by weight PLU ?
0 = By weight
1 = By Count

Enable or disable the discount
0 = disable / 1 = enable

Free override of the unit price .
0 = disable / 1 = enable

Press to enter or change other PLU.

Press the key twice to return to the weighing mode.

Define the PLU label data

CODE

1

ENTER

Call the "DATA ENTRY" menu

DATA ENTRY	
↓	
05	PLU LABEL DATA
ENTER	
→ PLU NUMBER	0
↓	
LABEL NR.	0
↓	
PLU TEXT LEFT	0-2
↓	
SIZE PLU L1	0
↓	
SIZE PLU L2	0
↓	
SIZE EXTRA TEXT	0
↓	
NO STORE ADDRESS	0-1
↓	
ADV. TEXT NR.	0
↓	
EXTRA. TEXT NR.	0
↓	
PACK. DATE TEXT NR.	0
↓	
BEST BEFORE TEXT NR.	0
↓	

Enter the preset code 05.

Enter the PLU number.

Enter the number of the label type.

0 = PLU text left justified
 1 = centered PLU text
 2 = PLU text auto formatted

Font size of the 1st line of the PLU text

Font size of the 2nd line of the PLU text

Font size of the extra text

Printing of the store address
 0 = no printing / 1 = printing

Enter the number of the advertisement text

0 = no printing

Enter the number of the extra text

0 = no printing

Enter the number of the packing date text

0 = do not print the date

Enter the number of the best before date text.

0 = do not print the date

Continued on the next page

Define the PLU label data

Continued from the last page

SELL BY DATE TEXT NR.	0	
↓		
NO PACK DATE	0-2	
↓		
NO BEST BEFORE	0-3	
↓		
NO SELL BY DATE	0-3	
↓		
BEST BEFORE OFFSET	0	
↓		
SELL BY OFFSET	0	
↓		
FIX WEIGHT	0.00	
↓		
CODE		
CODE		
0.00	0.00	0.00

Enter the number of the sell by date text.

0 = Do not print

0 = Do not print the date ; 1 = MM/DD/YYYY ; 2 = DD/MM/YYYY

0 = Do not print the date ; 1 = MM/DD/YYYY ; 2 = DD/MM/YYYY ; 3 = days

0 = Do not print the date ; 1 = MM/DD/YYYY ; 2 = DD/MM/YYYY ; 3 = days

Offset of the best before date (0 ... 499 days).

Offset of the sell until date (0 ... 499 days).

Enter the fix weight of By Count PLU (0 ... 30.00 lb)

Press ↓ to enter or modify another PLU.

Press the CODE key twice to return to the weighing mode.

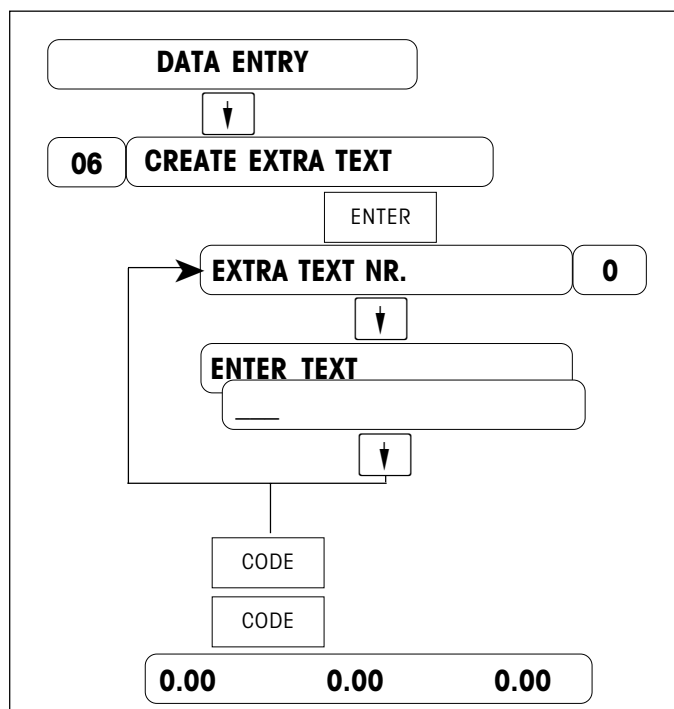
Define Extra Text

CODE

1

ENTER

Call the "DATA ENTRY" menu



Enter preset code 06.

Enter the number of the Extra Text number (1.. 150)

Enter the Extra Text

Press to enter or modify another Extra Text and to save current entry

Press the key twice to return to the weighing mode.

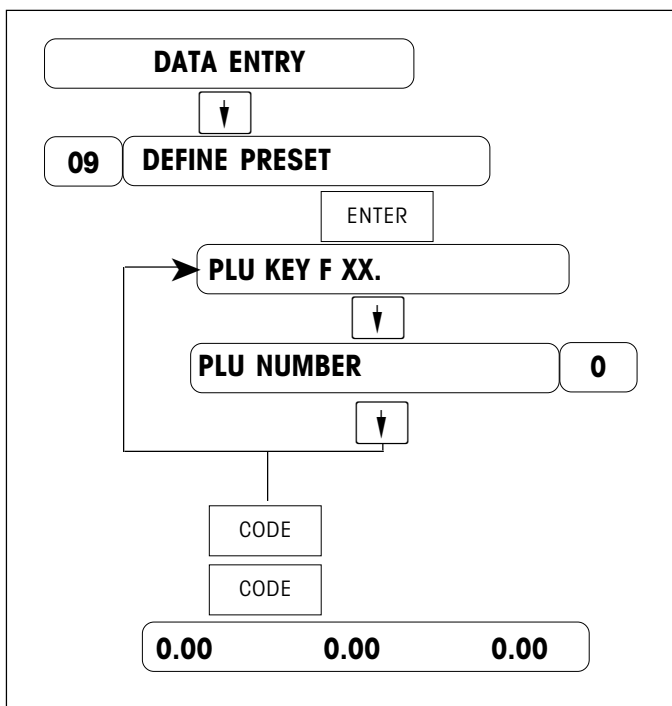
Define Presets

CODE

]

ENTER

Call the "DATA ENTRY" menu



Enter preset code 09

Press the desired PLU preset key

Enter the PLU number

Press  to enter or modify another PLU presetPress the  key twice to return to the weighing mode.

Create Special Offer

CODE

1

ENTER

Call the "DATA ENTRY" menu

DATA ENTRY

↓

26 CREATE SP. OFFER

ENTER

SP. OFFER TEXT —

↓

FROM 00-00-00 00:00

↓

AM **0-1**

↓

TO 00-00-00 00:00

↓

AM **0-1**

↓

→ **PLU NUMBER** **0**

↓

SP. OFFER UP **0.00**

↓

CODE

CODE

0.00 0.00 0.00

Enter the preset code 26

Enter the text of the special offer
20 char. max. ; printing on ticket

Enter the start date and time

0=AM; 1=PM

Enter the end date and time

0=AM; 1=PM

Enter PLU number

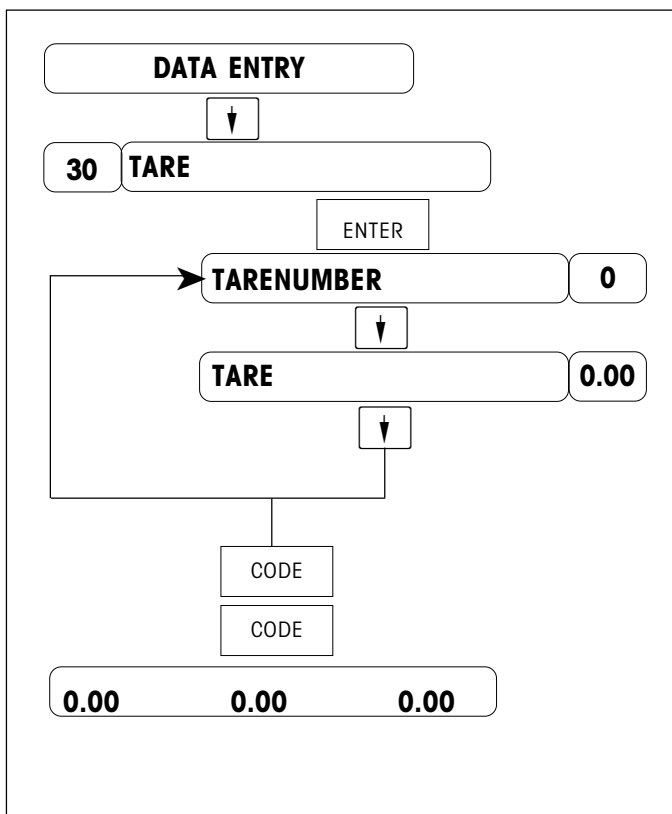
Enter Special offer unit price

With ↓, define the next PLU

Press the **CODE** key twice to return to the
weighing mode.

Tare entry

CODE | 1 | ENTER Call the "DATA ENTRY" menu



Enter the preset code 30

Enter the tare number (1-16).

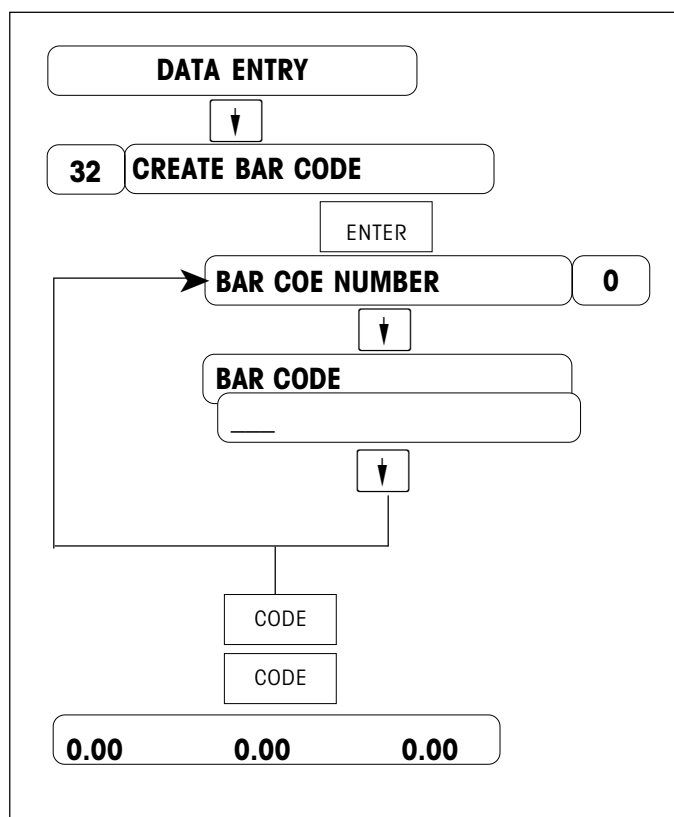
Enter the tare weight or put the empty recipient on the scale, then validate with the TARE key .

Press  to affect the next tare memory.

Press the  key twice to return to the weighing mode.

Define Barcode

CODE 1 ENTER Call the "DATA ENTRY" menu



Enter the preset code 32

Enter the bar code number (1-8).

Enter the barcode format (Max 12. figures, 13th figure = checkdigit)

Press to define the next bar code.

Press the key twice to return to the weighing mode.

Legend of Barcode Identifications

A = Item number	4 - 12 figures
B = Total Price	4/5/6 figures
C = Check digit	1 figures
D = Date	2/4/6 figures
N = Ticket number	4 figures
P = PLU code	4/5/6 figures
Q = Weight/Quantity	4/5 figures
W = Group number	2 figures
0-9 Figures	1 - 12 figures

Examples:

OAAAAAAAAA (UPC, Ten digit Item Number)

2AAAAACBBBB (UPC, 5-D Item/Price Check Digit/4-D Price)
 2AAAAA0BBBB (UPC, 5-D Item/Zero Fixed/4-D Price)
 2AAAAAABBBB (UPC, 6-D Item/No Price Check/4-D Price)
 2AAAAABBBBB (UPC, 5-D Item/No Price Check/5-D Price)
 2AAAAACQQQQ (UPC, 5-D Item/Wgt Check Digit/4-D Wgt)
 2AAAAA0QQQQ (UPC, 5-D Item/Zero Fixed/4-D Wgt)
 2AAAAAQQQQ (UPC, 6-D Item/No Price Check/4-D Wgt)
 2AAAAAQQQQ (UPC, 5-D Item/No Price Check/5-D Wgt)
 21AAAAAABBBB(EAN, 6-D Item/4-D Price)
 21AAAAABBBBB(EAN,5-D Item/5-D Price)
 21AAAABBBBBB(EAN, 4-D Item/6-D Price)
 21AAAAACBBBB(EAN,5-D Item/Price Check Digit/4-D Price)
 21AAAACBBBBB(EAN,4-D Item/Price Check Digit/5-D Price)
 21AAAAAQQQQQ(EAN,5-D Item/5-D Wgt)
 21AAAAACQQQQ(EAN,4-D Item/Wgt Check Digit/5-D Wgt)

Marquee Message entry

CODE **|** **ENTER** Call the "DATA ENTRY" menu

```
graph TD; A[DATA ENTRY] --> B[38 MARQUEE MESSAGE]; B --> C[ENTER]; C --> D[ENTER TEXT]; D --> E[CODE]; E --> F[0.00 0.00 0.00];
```

The flowchart illustrates the steps for entering a marquee message. It begins with the **DATA ENTRY** menu, which leads to the **38 MARQUEE MESSAGE** option. Pressing **ENTER** leads to the **ENTER TEXT** screen, where the message can be entered. Pressing **CODE** then leads to the weighing mode display, showing **0.00 0.00 0.00**.

Enter the preset code 38.

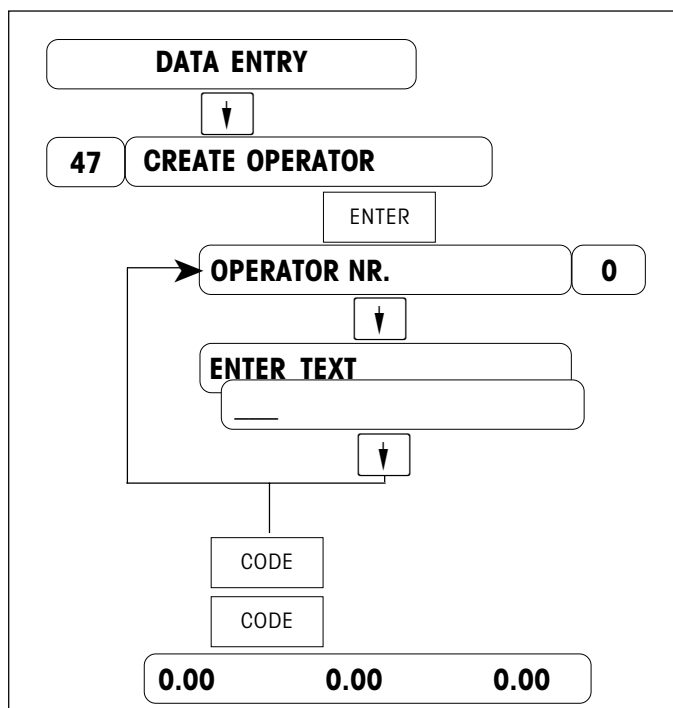
Enter the marquee message (100 char. max.)

Press **↓** to enter the marquee message.

Press the **CODE** key to return to the weighing mode.

Operator entry

CODE **1** **ENTER** Call the "DATA ENTRY" menu



Enter preset code 47.

Enter the number of the desired operator.

Enter the name of the operator.

Press **↓** to enter or modify another operator's number.

Press the **CODE** key twice to return to the weighing mode.

Define Store address

CODE **↓** **ENTER** Call the "DATA ENTRY" menu

```
graph TD; A[DATA ENTRY] --> B[50 STORE ADDRESS]; B --> C[ENTER]; C --> D[ENTER TEXT]; D --> E[↓]; E --> F[CODE]; F --> G[0.00 0.00 0.00];
```

The flowchart illustrates the steps to define a store address. It begins with the **DATA ENTRY** menu, followed by a downward arrow. The next step is the **50 STORE ADDRESS** screen, which leads to an **ENTER** button. Pressing **ENTER** leads to the **ENTER TEXT** screen, which has a text input field. A downward arrow follows, leading to the **CODE** button. Finally, pressing **CODE** leads to the weighing mode display showing **0.00 0.00 0.00**.

Enter the preset code 50.

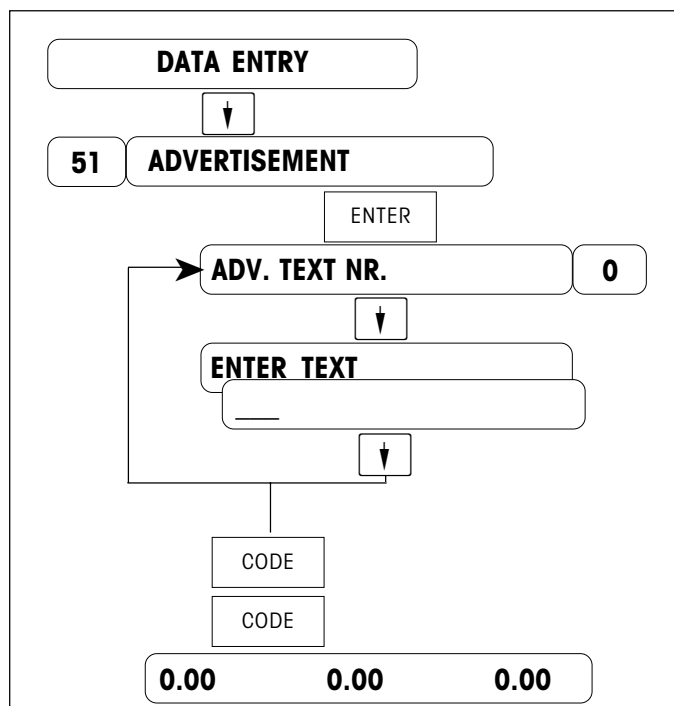
Enter the store address (up to 2 lines, 36 characters each)

Press **↓** to enter the store address.

Press the **CODE** key to return to the weighing mode.

Define Advertisement

CODE **1** **ENTER** Call the "DATA ENTRY" menu



Enter preset code 51.

Enter the number of the Adv. Text number (1.. 10)

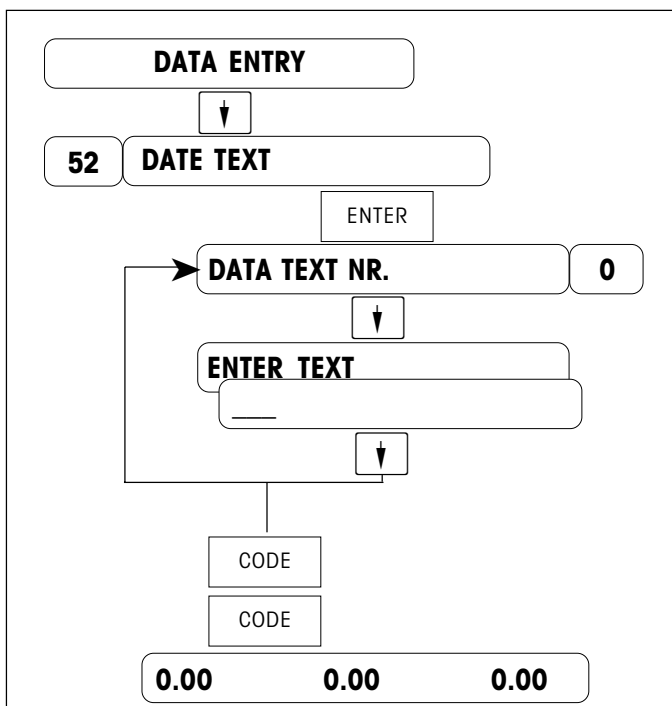
Enter the Adv. Text (Max 2 lines, 36 characters each line)

Press **↓** to enter or modify another Adv. Text

Press the **CODE** key twice to return to the weighing mode.

Define Date Text

CODE ENTER Call the "DATA ENTRY" menu



Enter preset code 52.

Enter the number of the data Text number (1.. 3)

Enter the date Text (Max 18 characters)

Press to enter or modify another data Text

Press the key twice to return to the weighing mode.

Date / Time

CODE **1** **ENTER** Call the "DATA ENTRY" menu

```
graph TD
    A[DATA ENTRY] --> B[57 DATE / TIME]
    B --> C[ENTER]
    C --> D[DATE/TIME  
00-00-00 00:00]
    D --> E[AM 0-1]
    E --> F[CODE]
    F --> G[0.00 0.00 0.00]
```

The flowchart illustrates the steps to set the date and time. It begins with the **DATA ENTRY** menu, followed by selecting the **57 DATE / TIME** option. After pressing **ENTER**, the screen displays **DATE/TIME** with the default values **00-00-00 00:00**. The user then selects **AM** or **PM** using the **0-1** selector. Finally, pressing the **CODE** key leads to the weighing mode, which shows three **0.00** values.

Enter the preset code 57

Enter current date (MM-DD-YY) and time (HH:MM)

Select AM or PM

0= AM; 1= PM

Press **↓** to enter current date and time .

Press the **CODE** key to return to the weighing mode.

Create Discount

CODE 1 ENTER Call the "DATA ENTRY" menu

```

graph TD
    A[DATA ENTRY] --> B[60 CREATE DISCOUNT]
    B -- ENTER --> C[DISCOUNT NR. 0]
    C --> D[DISCOUNT NAME -]
    D --> E[DISCOUNT TEXT -]
    E --> F[PERCENT 0.00]
    F --> G[CODE  
CODE]
    G --> H[0.00 0.00 0.00]
    F --> C
  
```

Enter the preset code 60

Enter the number of the discount (0-9).

Enter the designation of the discount ;
20 char. max. ; display

Enter the text of the discount
20 char. max. ; printing on ticket

Enter discount rate
Input a negative rate = discount
Input a positive rate = increase

With , define the next discount

Press the  key twice to return to the weighing mode.

Progress :

Activate the discount in CODE 8 8 ENTER "DISCOUNT".

Enable discount key in CODE 4 4 5 5 6 6 ENTER "SPEC FCT. KEY".

Remark :

Use  to input negative rate

Define the default label format

CODE	9	9	8	8	7	7	ENTER
------	---	---	---	---	---	---	-------

Call the "LABEL DEFINITION" menu

LABEL DEFINITION	
↓	
XX	Select the selected label type
ENTER	
LABEL NR.	0
↓	
PLU TEXT LEFT	0-2
↓	
SIZE PLU L1	0
↓	
SIZE PLU L2	0
↓	
SIZE EXTRA TEXT	0
↓	
NO STORE ADDRESS	0-1
↓	
ADV. TEXT NR.	0
↓	
EXTRA. TEXT NR.	0
↓	
PACK. DATE TEXT NR.	0
↓	
BEST BEFORE TEXT NR.	0
↓	

Enter the preset code of the desire label type.

02 = By weight label

03 = Total label

04 = By Count label

Enter the number of the label format.

0 = PLU text left justified

1 = centered PLU text

2 = PLU text auto formatted

Font size of the 1st line of the PLU text

Font size of the 2nd line of the PLU text

Font size of the extra text

Printing of the store address

0 = no printing / 1 = printing

Enter the number of the advertisement text

0 = no printing

Enter the number of the extra text

0 = no printing

Enter the number of the packing date text

0 = do not print the date

Enter the number of the best before date text.

0 = do not print the date

Continued on the next page

Continued from the last page

SELL BY DATE TEXT NR. **0**



NO PACK DATE **0-2**



NO BEST BEFORE **0-3**



NO SELL BY DATE **0-3**



BEST BEFORE OFFSET **0**



SELL BY OFFSET **0**



CODE

0.00 0.00 0.00

Enter the number of the sell by date text.

0 = Do not print

0 = Do not print the date ; 1 = MM/DD/YYYY ; 2 = DD/MM/YYYY

0 = Do not print the date ; 1 = MM/DD/YYYY ; 2 = DD/MM/YYYY ; 3 = days

0 = Do not print the date ; 1 = MM/DD/YYYY ; 2 = DD/MM/YYYY ; 3 = days

Offset of the best before date (0 .. 499 days).

Offset of the sell until date (0 .. 499 days).

Press the **CODE** key to return to the weighing mode.

Mode switching

MODE

Call the menu "Mode switching"

MODE CHANGE	
	↓
00	SALE
	↓
02	PREPACK
	↓
03	CODE MODE
	↓
04	TRAINING
	↓
09	MENU END

With  or  select the desired sub-menu, or enter the preset code.

Select/return to sale mode.

Select/return to prepack mode.

Select/return to code mode.

Select/return to learn mode.

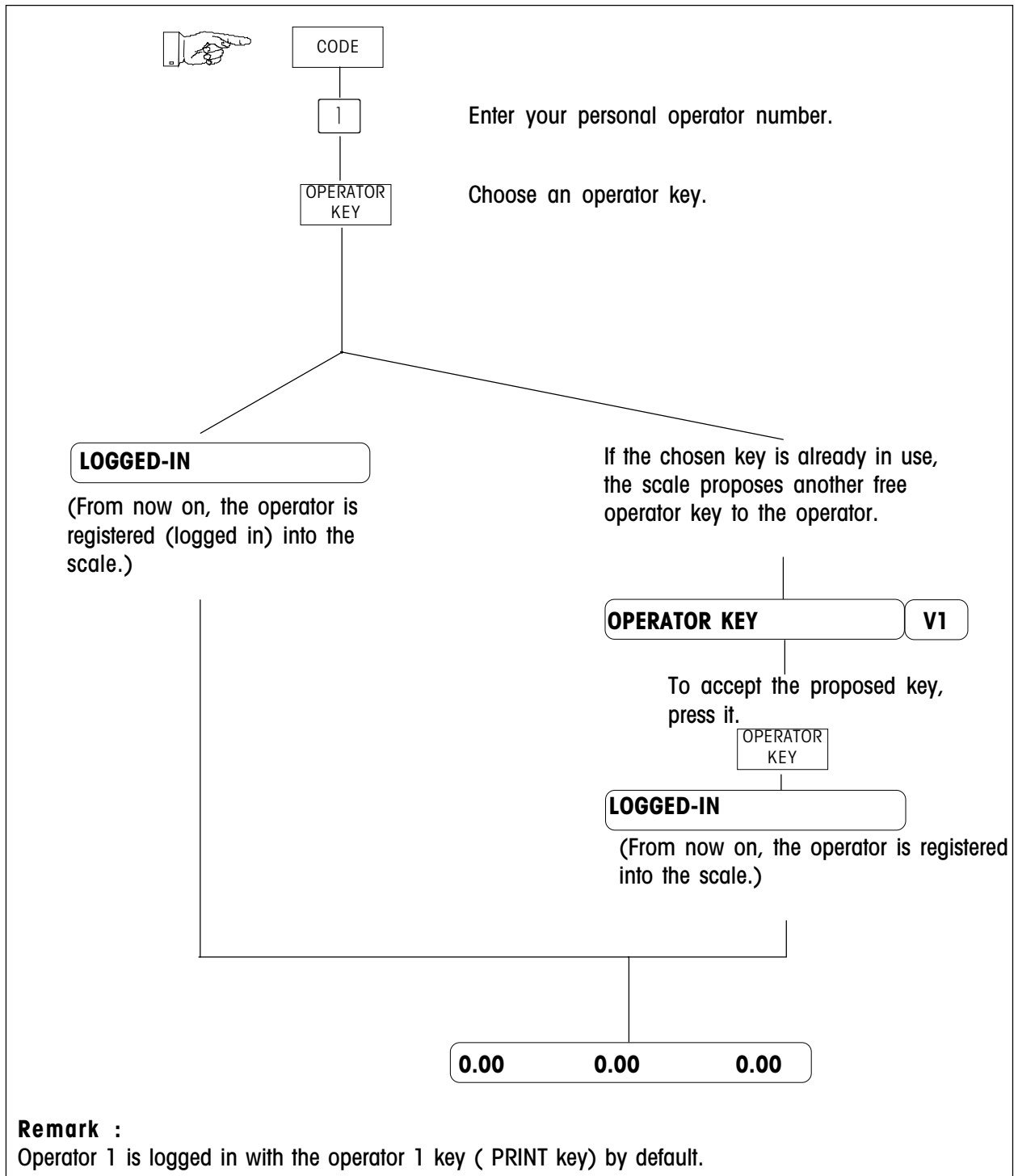
Press  to continue or ENTER to return to weighing mode.

With  or  the preset code, select the corresponding menu item, then activate it with the ENTER key.

Sale mode

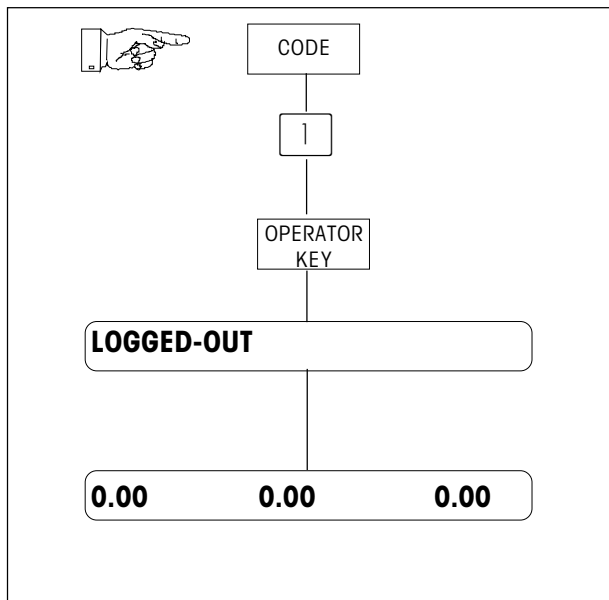
Operator arrival entry

The arrival entry permits to allocate an operator key to the operator who starts serving.



Operator departure entry

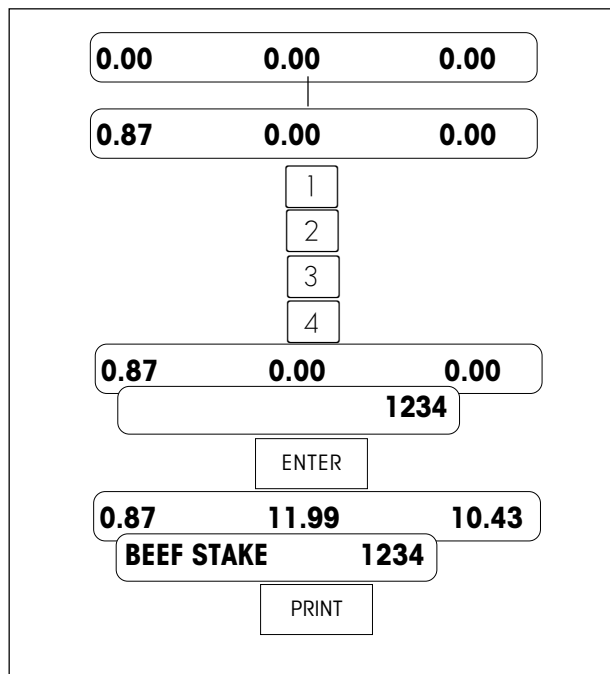
The operator departure entry permits to free the leaving operator's key.



Enter your personal operator number.

Press your operator key.

Register By Weight PLU



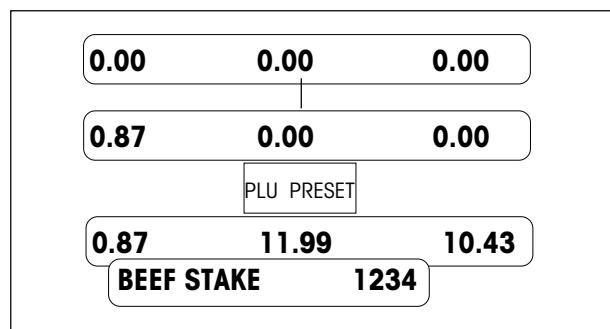
Place the item to be weighed on the platter.

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

Press PRINT key (or other configured operator keys) to register the transaction. By pressing this key, a label will be printed if the scale is configured for label. If the scale is configured using ticket, nothing will be printed.

Call PLU with Preset key



Place the item to be weighed on the platter.

Enter the desired PLU preset key

Register By Count PLU

The diagram illustrates the sequence of operations on a scale display for registering by count PLU:

- Initial state: Three '0.00' displays.
- Enter PLU number: The middle display shows '5', then '6', then '7'.
- Press ENTER: The middle display shows '567'.
- Press ENTER: The middle display shows '0.62'.
- Press ENTER: The middle display shows 'CUCUMBERS 567'.
- Press CNT/WT CHANGE: The middle display shows '0.62'.
- Press ENTER: The middle display shows 'M 0.62 X ='.
- Enter quantity: The middle display shows '1', then '5'.
- Press ENTER: The middle display shows '9.30'.
- Press ENTER: The middle display shows 'M 0.62 X 15 ='.
- Press PRINT: The middle display shows 'PRINT'.

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

Enter the quantity

Press PRINT key (or other configured operator keys) to register the transaction. By pressing this key, a label will be printed if the scale is configured for label. If the scale is configured using ticket, nothing will be printed.

Print customer ticket or total label

The diagram illustrates the sequence of operations on a scale display for printing a customer ticket or total label:

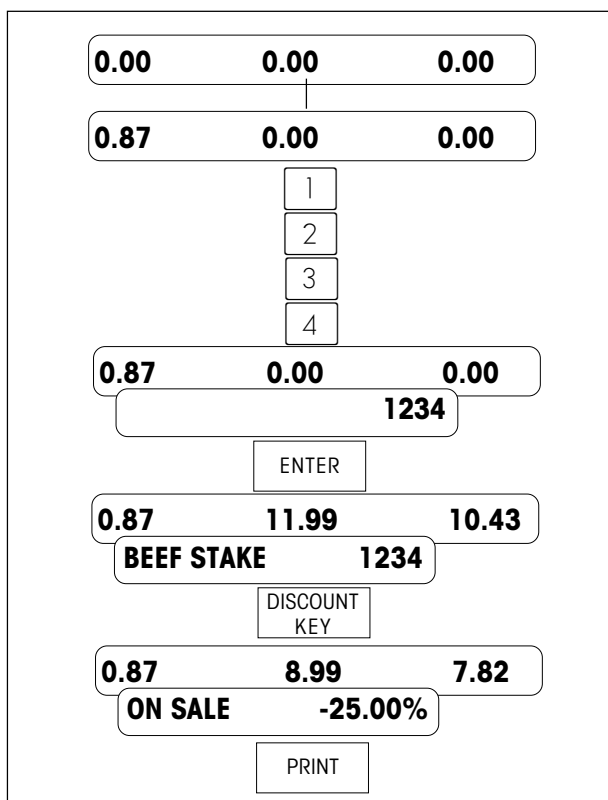
- Initial state: Three '0.00' displays.
- Press ENTER: The middle display shows 'ENTER'.
- Press ENTER: The middle display shows 'O 1 P6 T 15.36'.
- Press PRINT: The middle display shows 'PRINT'.
- Press ENTER: The middle display shows 'TOTAL 15.36'.
- Press ENTER: The middle display shows 'O 1 P6 T 15.36'.

Register the desired items

Press ENTER key to display the subtotal.

Press PRINT key (or other configured operator keys) to print the customer ticket or total label (Depends on the OPERATOR CONFIGURATION)

Discount the called PLU



Place the item to be weighed on the platter.

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

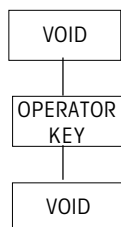
Press PRINT key (or other configured operator keys) to register the transaction. This key pressing will also result a label to be printed, if the scale is configured using label. If the scale is configured using ticket, nothing will be printed.

Remark :

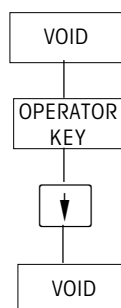
The PLU can be discounted only when the "DISCOUNT " option of this PLU is set to "YES".

Void

a) The last operation



b) One of the previous operations



Remarks: With  or  you have an overview of the last 10 transactions printed on the label, or the different transactions printed on the ticket .

Tare

a) Manual tare

- Place the empty recipient.
- Press the TARE key.
- Put the item on the recipient
- Select the PLU and register the transaction.
- The tare weight is cleared from the moment the transaction is registered and the scale is cleared.

b) PLU stored Tare

A tare may be stored with a PLU. In this case, when the PLU is called and no weight is on the platter, the weight display will show a negative number (the tare weight) and a cursor will appear over NET.

c) Manual clear tare

- Remove the item and the recipient from the platter
- Press the TARE key.

Override the unit price of the called PLU

0.00	0.00	0.00
0.87	0.00	0.00
1		
2		
3		
4		
0.87	0.00	0.00
1234		
ENTER		
0.87	11.99	10.43
BEEF STAKE 1234		
PRICE CHANGE		
0.87	0.00	0.00
BEEF STAKE 1234		
1		
1		
0		
0		
0.87	11.00	9.57
BEEF STAKE 1234		
PRINT		

Place the item to be weighed on the platter.

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

Enter the unit price

Press PRINT key to print a label with new unit price

Remark :

The unit price can be overridden only when the "OPEN PRICE " option of this PLU is set to "YES".

Override the Net Weight of By Count PLU

0.00 0.00 0.00

5

6

7

0.00 0.00 0.00

567

ENTER

0.62

CUCUMBERS 567

CNT/WT
CHANGE

0.62

M 0.62 X =

CNT/WT
CHANGE

0.62

FIX WEIGHT: 0.18

2

0

0.62

FIX WEIGHT: 0.20

PRINT

Remove the items from the platter

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

Enter the fix weight

Press PRINT key to print a label with entered net weight

Override the label format of the called PLU

The diagram illustrates the steps to override the label format of a called PLU through a series of screen displays and key inputs:

- Initial State:** Three display fields show **0.00**.
- Step 1:** The first field changes to **0.87**, while the other two remain **0.00**.
- Step 2:** A vertical column of four buttons labeled **1**, **2**, **3**, and **4** is shown.
- Step 3:** The first field is **0.87**, the second is **0.00**, and the third is **0.00**. Below the third field, the number **1234** is displayed.
- Step 4:** A button labeled **ENTER** is shown.
- Step 5:** The first field is **0.87**, the second is **11.99**, and the third is **10.43**. Below the second field, the text **BEEF STAKE** is displayed, and below the third field, the number **1234** is displayed.
- Step 6:** A button labeled **LBL FMT CHANGE** is shown.
- Step 7:** The first field is **0.87**, the second is **11.99**, and the third is **10.43**. Below the second field, the text **LABEL NR.** is displayed, and below the third field, the number **7** is displayed.
- Step 8:** A button labeled **6** is shown.
- Step 9:** The first field is **0.87**, the second is **11.99**, and the third is **10.43**. Below the second field, the text **LABEL NR.** is displayed, and below the third field, the number **6** is displayed.
- Step 10:** A button labeled **PRINT** is shown.

Place the item to be weighed on the platter.

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

Enter the number of the new label format

Press PRINT key to print a label with new label format

Override the advertise text of the called PLU

0.00	0.00	0.00
0.87	0.00	0.00
1		
2		
3		
4		
0.87	0.00	0.00
		1234
ENTER		
0.87	11.99	10.43
BEEF STAKE		1234
ADV. CHANGE		
0.87	11.99	10.43
ADV. TEXT NR.		2
5		
0.87	11.99	10.43
ADV. TEXT NR.		5
PRINT		

Place the item to be weighed on the platter.

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

Enter the number of the advertise text

Press PRINT key to print a label with new advertise text

Override the extra text of the called PLU

The diagram illustrates the sequence of screen displays and key presses to override the extra text of a called PLU. The sequence is as follows:

- Initial screen: **0.00 0.00 0.00**
- After placing the item: **0.87 0.00 0.00**
- Enter PLU number (1, 2, 3, 4):
 - 1
 - 2
 - 3
 - 4
- Screen after PLU entry: **0.87 0.00 0.00** and **1234**
- Press ENTER: **ENTER**
- Screen after ENTER: **0.87 11.99 10.43** and **BEEF STAKE 1234**
- Press ET CHANGE: **ET CHANGE**
- Screen after ET CHANGE: **0.87 11.99 10.43** and **EXTRA. TEXT NR. 12**
- Enter extra text number (2, 5):
 - 2
 - 5
- Screen after extra text entry: **0.87 11.99 10.43** and **EXTRA. TEXT NR. 25**
- Press PRINT: **PRINT**

Place the item to be weighed on the platter.

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

Enter the number of the extra text

Press PRINT key to print a label with new extra text

Override the sell by days of the called PLU

0.00	0.00	0.00
0.87	0.00	0.00
1		
2		
3		
4		
0.87	0.00	0.00
		1234
ENTER		
0.87	11.99	10.43
BEEF STAKE		1234
SHELF LIFE CHANGE		
0.87	11.99	10.43
SELL BY OFFSET		6
5		
0.87	11.99	10.43
SELLBY OFFSET		5
PRINT		

Place the item to be weighed on the platter.

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

Enter sell by days

Press PRINT key to print a label with new sell by date

Print a batch of By Count PLU labels

The diagram illustrates the sequence of screen displays and key presses for printing a batch of By Count PLU labels. The process starts with a zeroed-out scale (0.00 0.00 0.00). The user enters the PLU number 567 using the numeric keypad. After pressing ENTER, the screen shows the item name 'CUCUMBERS' and its unit price '0.62'. The user then enters the quantity '15' using the numeric keypad. Pressing the 'QTY LABEL' key leads to the 'ENTER QTY:' screen, where the user enters the quantity of labels '12'. Finally, pressing the 'PRINT' key initiates the batch printing process.

0.00 0.00 0.00

5

6

7

0.00 0.00 0.00

567

ENTER

0.62

CUCUMBERS 567

CNT/WT
CHANGE

0.62

M 0.62 X =

1

5

9.30

M 0.62 X 15 =

QTY
LABEL

9.30

ENTER QTY:

1

2

9.30

ENTER QTY: 12

PRINT

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

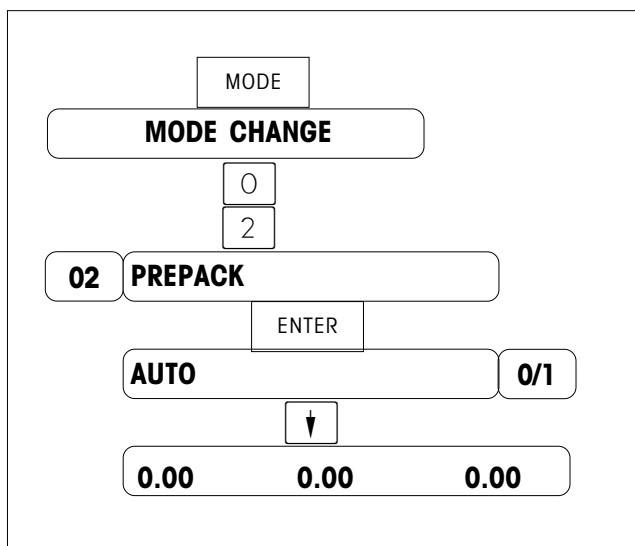
Enter the quantity

Enter the quantity of the label

Press PRINT key to batch print the labels

Prepack

Selecting the prepack mode



Press the MODE key.

Enter the preset number 02

Select/return to PP mode

Select the mode to start printing :

☐ = When scale is stable

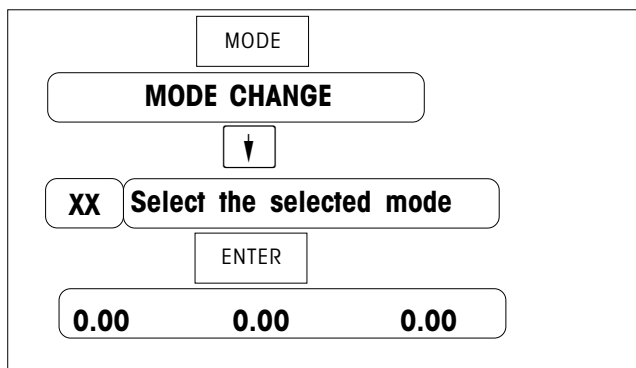
☐ = Printing when pressing the operator key.

Return to weighing mode

Process

- ☐ Select the PLU
- ☐ Put the item on the platter
- ☐ By means of the operator key, start printing the label (if "manu" is selected) or start printing by a change in weight (if "auto" is selected)
- ☐ Remove the label
- ☐ Weigh the next item

Quit the PP mode



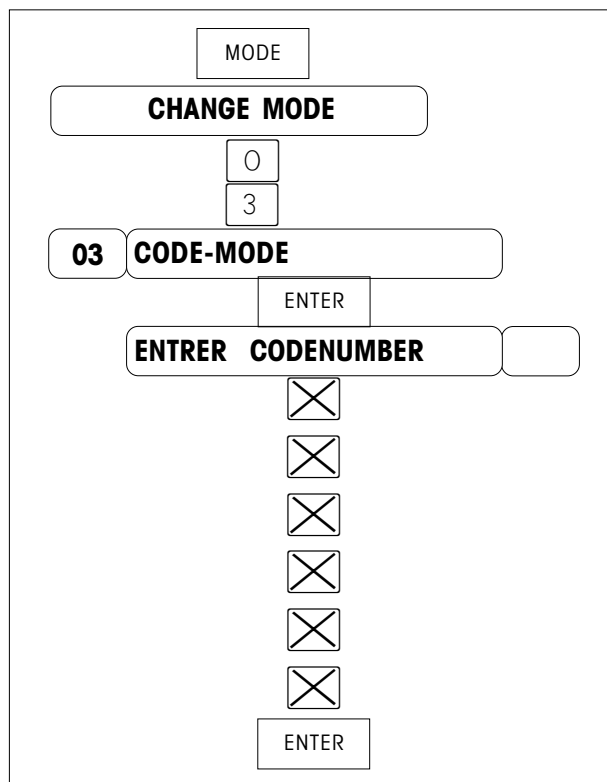
Press the MODE key

With the ☐ key, select the choosen mode.

Confirm with the ENTER key

Return to weighing mode

Code mode



Press the MODE key

Enter the preset number 03

Select the code mode

Confirm with the ENTER key

Enter the desired function code

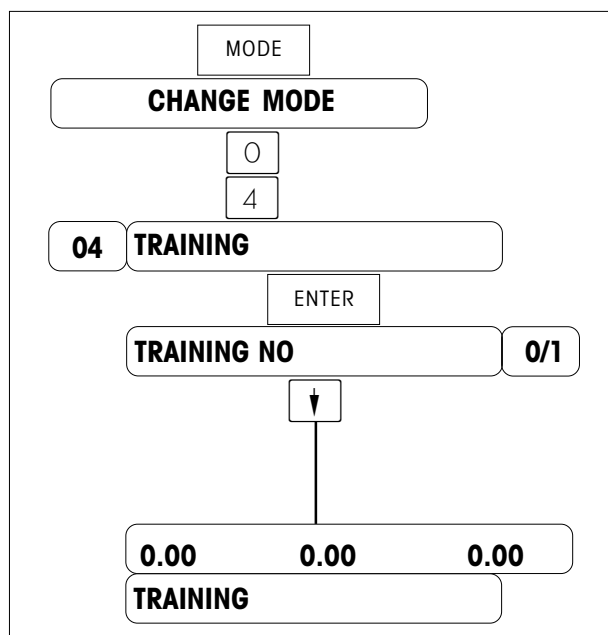
E.g. figure for "Data Entry" ;

Confirm with the ENTER key

Training mode

This mode permits training and learning to use the device without the realized turnover being taken into account. On the label or tickets, "TRAINING" is printed on the PLU description area or on the tickets header and the total price is increased by \$1000.

To quit the learn mode, select the menu item "TRAINING NO".



Press the MODE key

Enter the preset number 04

Select the training mode

Confirm with the ENTER key

= disable training mode

= turn on training mode

Return to training mode

The lower line of the display reads TRAINING

Operator Configure

NEW CONFIG

CODE

Call the "OPERATOR CONFIGURE" menu

OPERATOR CONFIG

▼

01 NEW CONFIG

ENTER

SALE MODE 0-1

▼

LABEL 0-3

▼

PLUNR. PRINT ON 0-1

▼

HEADER PRINT ON 0-1

▼

BOTTOM PRINT ON 0-1

▼

STUB OFF 0-1

▼

EAN ON TICK. OFF 0-1

▼

EAN ON STUB OFF 0-1

▼

TOTAL WEIGHT OFF 0-1

▼

MARQUEE MESS. ON 0-1

▼

Press the key or enter the preset code 01

Select the mode after applying power on

0= sale mode; 1=prepack mode

Printing of label or ticket

0= ticket ; 1= label ; 2= indiv. label with total label ; 3= ticket with liner

PLU number printed on ticket

0= off ; 1= on

Ticket header print

0= off ; 1= on

Ticket bottom print

0= off ; 1= on

Select: counterfoil on/off

0= off ; 1= on

Select: barcode printed on ticket on/off

0= off ; 1= on

Select: barcode printed on stub on/off

0= off ; 1= on

Total weight printed on ticket on/off

0= off ; 1= on

Marquee text on/off

0= off ; 1= on

Continued on the next page

Continued from the last page

NO TARE PRINT	0-1	
↓		
LABEL WITH T.NR.	0-1	
↓		
0.00	0.00	0.00

Tare displaying and printing on/off
0= off ; 1= on

Ticket number on individual label on/off
0= off ; 1= on

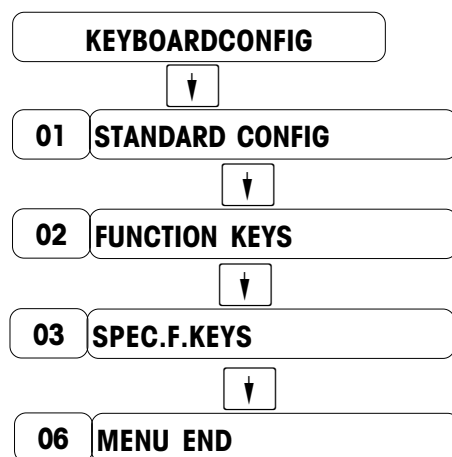
Press  to save the configured data and return to the weighing mode

Keyboard Configure

Presentation of the "KEYBOARD CONFIGURE" menu

CODE 4 4 5 5 6 6 ENTER

Call the "KEYBOARD CONFIGURE" menu



Configure function keys

CODE 4 4 5 5 6 6 ENTER

Call the "KEYBOARD CONFIGURE" menu

KEYBOARDCONFIG

↓

02 FUNCTION KEYS

ENTER

CNT/WT CHG ON 0-1

↓

PRICE CHANGE ON 0-1

↓

KEY VOID ON 0-1

↓

LBL FMT CHG ON 0-1

↓

ADV. CHANGE ON 0-1

↓

ET CHANGE ON 0-1

↓

SLF. LIFE CHG ON 0-1

↓

CODE

0.00 0.00 0.00

Enter the preset code 02.

Select: CNT/WT CHANGE key on/off
0=off; 1=on

Select: PRICE CHANGE key on/off
0=off; 1=on

Select: VOID key on/off
0=off; 1=on

Select: LBL FMT CHANGE key on/off
0=off; 1=on

Select: ADV. CHANGE key on/off
0=off; 1=on

Select: ET CHANGE key on/off
0=off; 1=on

Select: SHELF LIFE CHANGE key on/off
0=off; 1=on

Press the **CODE** key to return to the weighing mode.

Configure direct access keys

CODE 4 4 5 5 6 6 ENTER

Call the "KEYBOARD CONFIGURE" menu

KEYBOARDCONFIG

↓

03 **SPEC.F.KEYS**

ENTER

OPERATOR KEYS 1

↓

NO DISCOUNT KEY 0-1

↓

DISCOUNT NR. 0

↓

CODE

0.00 0.00 0.00

Enter the preset code 03.

Enter the number of operator keys (1 .. 4)

Select: DISCOUNT KEY on/off
0=off; 1=on

Enter the number of discount

Press the **CODE** key to return to the weighing mode.

Configure Password

Modify Password

CODE 1 3 5 7 9 2 4 ENTER

Call the "CODE NUMBER" menu

CODE NUMBER

↓

01 **NEW VALUE**

ENTER

DATA ENTRY —

↓

X REPORT —

↓

Z REPORT —

↓

OPERATORCONF. —

↓

SPECIAL FUNCTION —

↓

KEYBOARDCONF. —

↓

PRICE CHANGE —

↓

LABEL DEF. —

↓

CODE

0.00 0.00 0.00

Enter the preset code 01.

Enter the code of "DATA ENTRY"

Enter the code of "X REPORT"

Enter the code of "Z REPORT"

Enter the code of "OPERATOR
CONFIGURE"

Enter the code of "SPECIAL FUNCTION"

Enter the code of "KEYBOARD
CONFIGURE"

Enter the code of "PRICE CHANGE"

Enter the code of "LABEL DEFINITION"

Press the **CODE** key to return to the
weighing mode.

SPECIAL FUNCTION

Presentation of the "Special function" menu

CODE 6 6 6 6 6 6 ENTER

Call the "SPECIAL FUNCTION" menu

SPECIAL FUNCTIONS



02 ROUND PRICE



03 BARCODE TYPE



05 TIME FORMAT



06 BEEPER ON/OFF



07 MENU END

Round Price

CODE 6 6 6 6 6 6 ENTER

Call the "SPECIAL FUNCTION" menu

The diagram illustrates the menu flow for setting the Round Price. It starts with the 'SPECIAL FUNCTION' menu, which has a downward arrow leading to '02 ROUND PRICE'. From there, an 'ENTER' button leads to a selection screen with 'DO NOT ROUND' and a '0-1' toggle. A downward arrow leads to a 'CODE' input field, which then leads to a display showing three '0.00' values.

Enter the preset code 02.

Select: Round price on/off
0= off; 1=on

Press the **CODE** key to return to the weighing mode.

Barcode Type

CODE 6 6 6 6 6 6 ENTER

Call the "SPECIAL FUNCTION" menu

The diagram illustrates the menu flow for setting the Barcode Type. It starts with the 'SPECIAL FUNCTION' menu, which has a downward arrow leading to '03 BARCODE TYPE'. From there, an 'ENTER' button leads to a selection screen with 'EAN 13' and a '0-1' toggle. A downward arrow leads to a 'CODE' input field, which then leads to a display showing three '0.00' values.

Enter the preset code 03.

Select the barcode type
0= EAN 13; 1=UPC

Press the **CODE** key to return to the weighing mode.

TIME FORMAT

CODE 6 6 6 6 6 6 ENTER

Call the "SPECIAL FUNCTION" menu

The diagram illustrates the menu flow for setting the time format. It starts with the 'SPECIAL FUNCTION' menu, where a downward arrow leads to the '05 TIME FORMAT' option. Pressing 'ENTER' leads to the '12 HOUR' selection screen, which has a '0-1' toggle. A downward arrow leads to the 'CODE' input screen, which displays '0.00 0.00 0.00'.

Enter the preset code 05.

Select time format
0= 12 hour; 1=24 hour

Press the **CODE** key to return to the weighing mode.

BEEPER ON/OFF

CODE 6 6 6 6 6 6 ENTER

Call the "SPECIAL FUNCTION" menu

The diagram illustrates the menu flow for setting the beeper on/off. It starts with the 'SPECIAL FUNCTION' menu, where a downward arrow leads to the '06 BEEPER ON/OFF' option. Pressing 'ENTER' leads to the 'BEEPER ON' selection screen, which has a '0-1' toggle. A downward arrow leads to the 'CODE' input screen, which displays '0.00 0.00 0.00'.

Enter the preset code 06.

Select: beeper on/off
0= off; 1=on

Press the **CODE** key to return to the weighing mode.

Reports

Presentation of the "X-reports" menu

CODE 2 2 ENTER

Call the "X REPORT" menu

X-REPORTS

▼

01 OX TOTAL

▼

05 GROUP TOTAL

▼

13 SCALE TOTAL LABEL

▼

16 PLU LABEL

▼

18 MENU END

Select desired menu with ▼ or ▲ enter preset code and activate with ENTER key.

Remarks : The totalizer memories are not cleared after printing.

Presentation of the "Z-reports" menu

CODE 3 3 3 ENTER

Call the "Z REPORT" menu

Z-REPORTS

▼

05 OX TOTAL

▼

09 GROUP TOTAL

▼

15 SCALE TOTAL LABEL

▼

18 PLU LABEL

▼

20 MENU END

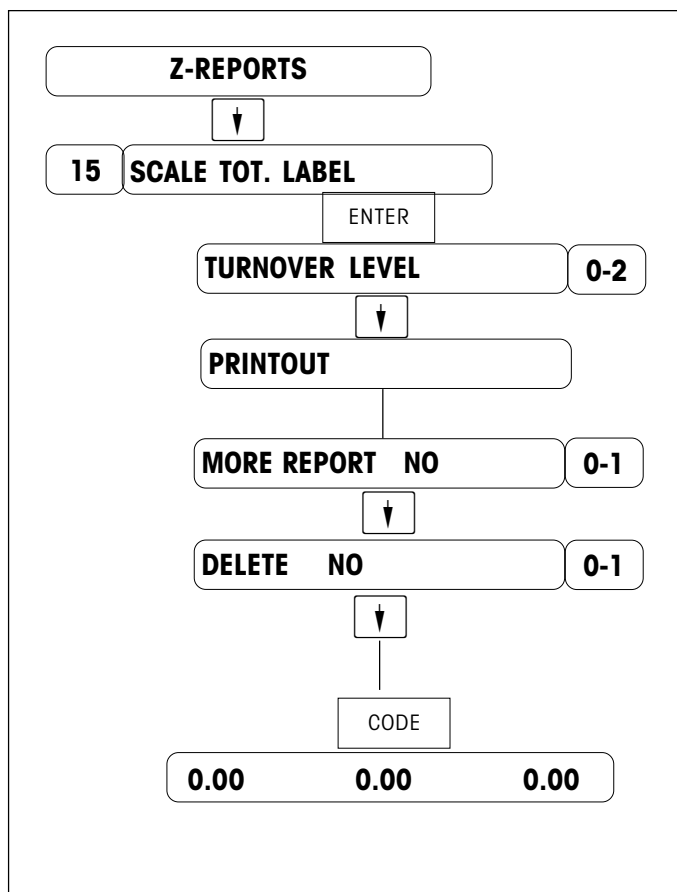
Select desired menu with ▼ or ▲ enter preset code and activate with ENTER key.

Remarks : After the printing (e.g. z-reports at the end of the day), the totalizer memories can be cleared.

Scale total

CODE 3 3 3 ENTER

Call the "Z REPORT" menu



Press the preset code 15.

select the turnover level

Print other reports:
0= no; 1= yes

Delete total data : 0 = no
 1 = yes

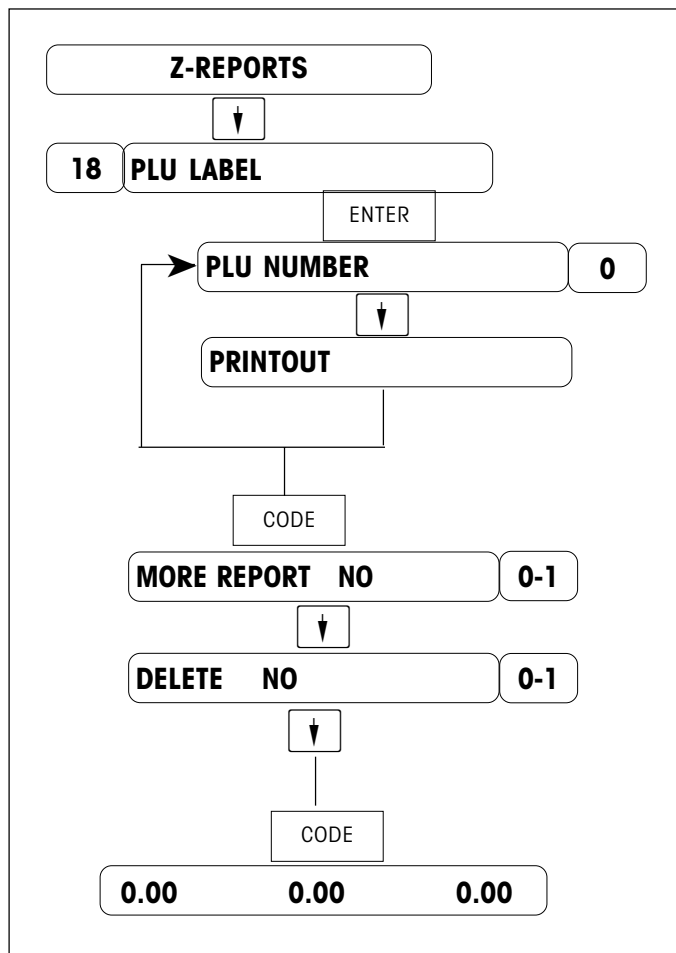
**Pay attention: if you enter 1 the
turnovers will be erased !**

Press the **CODE** key to return to the
weighing mode.

PLU TOTAL LABEL

CODE 3 3 3 ENTER

Call the "Z REPORT" menu



Press the preset code 18.

Enter PLU number

Print other reports:
0= no; 1= yes

Delete total data : 0 = no
 1 = yes

Pay attention: if you enter the turnovers will be erased !

Press the key to return to the weighing mode.

Maintenance



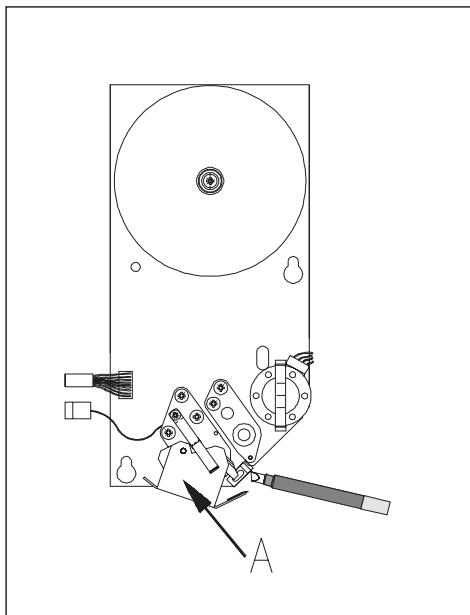
External Cleaning

Turn the scale power off by placing the power switch to the OFF position(Press the "0" on the power switch). Disconnect power cord from 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.

Cleaning Printhead





Turn the scale off by placing the power switch to the OFF position. Disconnect power cord from outlet.

Open the plastic door on the right side of the scale.

Slide out the printer .

Press the trigger to open the printhead.

Clean the printhead with a soft clean cloth soaked in isopropyl alcohol, METTLER TOLEDO liquid cleaner or equivalent, or the METTLER TOLEDO Cleaning Pen.

Push back the printhead until it clicks.

Slide the printer in.

Close the plastic door.

Rezeroing

This scale is equipped with an automatic zeroing device, which compensates for small weight change. This device is not activated when a package tare is compensated. After cleaning the dirt from the platter with the scale on, the display can read :

- a negative value
- or " _ _ _ _ " segments can be lit.

Solution :

Press the ZERO key

If the message appears again :

Turn the scale off and back on again with the main power switch.

Fixed label formats

1.9" Label Formats

SNOWFLAKE ROLLS SHACK SIZE		
CNT/QT	UNIT PRICE	SELL BY
1	\$ 5.00	07/01/2000
PACK ON 06/28/2000		
		TOTAL PRICE
NET WT: 3oz(0.201b)		\$ 5.00
TEST DEPARTMENT METTLER TOLEDO		

By Count
Label format Nr. =4
Barcode Nr. = 3

BEEF TENDERLOIN BONELESS		
NET WT	UNIT PRICE	SELL BY
0.24 lb	\$ 20.00/lb	07/02/2000
PACK ON 06/28/2000		
		TOTAL PRICE
		\$ 4.80
TEST DEPARTMENT METTLER TOLEDO		

By Weight/Prepack
Label format Nr. =9
Barcode Nr. = 2

2.1" Label Formats

SNOWFLAKE ROLLS SHACK SIZE		
CNT/QT	UNIT PRICE	SELL BY
1	\$ 5.00	07/01/2000
PACK ON 06/28/2000		
		TOTAL PRICE
NET WT: 3oz(0.201b)		\$ 5.00
TEST DEPARTMENT METTLER TOLEDO		

By Count
Label format Nr. =5
Barcode Nr. = 3

BEEF TENDERLOIN BONELESS		
NET WT	UNIT PRICE	SELL BY
0.24 lb	\$ 20.00/lb	07/02/2000
PACK ON 06/28/2000		
		TOTAL PRICE
		\$ 4.80
TEST DEPARTMENT METTLER TOLEDO		

By Weight/Prepack
Label format Nr. =10
Barcode Nr. = 2

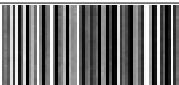
2.4" Label Formats

		THANK YOU PREPACKAGED FOR YOUR CONVENIENCE KEEP REFRIGERATED	
210010 205000		SNOWFLAKE ROLLS SNACK SIZE	
INGREDIENTS: ENRICHED FLOUR (ENRICHED WITH THIAMINE, RIBOFLAVIN, NIACIN AND IRON) WATER, YEAST, CORN SUGAR, VEGETABLE SHORTENING, (PARTIALLY HYDROGENATED SOYBEAN OIL) WHOLE EGGS, SALT,			
SELL BY 07/01/2000		TOTAL PRICE	
CNT/QT	UNIT PRICE	\$ 5.00	
1	\$ 5.00		
NET WT: 3oz (0.201lb)			
TEST DEPARTMENT METTLER TOLEDO			

By Count

Label format Nr. =6

Barcode Nr. = 3

		THANK YOU PREPACKAGED FOR YOUR CONVENIENCE KEEP REFRIGERATED	
210010 104600		BEEF TENDERLOIN BONELESS	
FILET MIGNON EXTRAORDINAIRE. RUB OLIVE OIL OVER ENTIRE ROAST. COMBINE PEPPER & GARLIC; RUB INTO ALL SIDES OF ROAST. ROAST IN OVEN FOR 45 TO 50 MINS AT 425 DEGREES. LET STAND 10 MINS. COMBINE ROOM TEMP. BROTH, RED WINE VINEGAR AND CORNSTARCH IN SAUCEPAN.			
SELL BY 07/02/2000		TOTAL PRICE	
NET WT	UNIT PRICE	\$ 4.60	
0.23 lb	\$ 20.00/lb		
TEST DEPARTMENT METTLER TOLEDO			

By Weight/Prepack

Label format Nr. =11

Barcode Nr. = 2

		THANK YOU PREPACKAGED FOR YOUR CONVENIENCE KEEP REFRIGERATED	
210010 104600		BEEF TENDERLOIN BONELESS	
TARE WT 0.20 lb		SELL BY 07/02/2000	
NET WT	UNIT PRICE	TOTAL PRICE	
0.23 lb	\$ 20.00/lb	\$ 4.60	
Pre-printed Safe Handling Instruction			
TEST DEPARTMENT METTLER TOLEDO			

By Weight/Prepack

Label format Nr. =12

Barcode Nr. = 2

3.3" Label Formats

		THANK YOU PREPACKAGED FOR YOUR CONVENIENCE KEEP REFRIGERATED	
SNOWFLAKE ROLLS SNACK SIZE			
INGREDIENTS: ENRICHED FLOUR (ENRICHED WITH THIAMINE, RIBOFLAVIN, NIACIN AND IRON), WATER, YEAST, CORN SUGAR, VEGETABLE SHORTENING, (PARTIALLY HYDROGENATED SOYBEAN OIL), WHOLE EGGS, SALT, SODIUM STEAROYL-2-LACTYLATE, DIGLYCERIDES, POTASSIUM BROMATE, L-CYSTINE, ENZYME.			
SELL BY 07/01/2000		TOTAL PRICE	
CNT/WTY 1	UNIT PRICE \$ 5.00	\$ 5.00	
NET WT:		3oz(0.201lb)	
TEST DEPARTMENT METTLER TOLEDO			

By Count
 Label format Nr. =7
 Barcode Nr. = 3

		THANK YOU PREPACKAGED FOR YOUR CONVENIENCE KEEP REFRIGERATED	
BEEF TENDERLOIN BONELESS			
FILET MIGNON EXTRAORDINAIRE. RUB OLIVE OIL OVER ENTIRE ROAST. COMBINE PEPPER & GARLIC; RUB INTO ALL SIDES OF ROAST. ROAST IN OVEN FOR 45 TO 50 MINS AT 425 DEGREES. LET STAND 10 MINS. COMBINE ROOM TEMP. BROTH, RED WINE VINEGAR AND CORNSTARCH IN SAUCEPAN; STIR UNTIL CORNSTARCH IS DISSOLVED. COOK OVER MED HEAT, STIRRING CONSTANTLY UNTIL SAUCE THICKENS AND BOILS. CARVE ROAST INTO THIN OR THICK SLICES OF MEAT.			
SELL BY 07/02/2000		TOTAL PRICE	
NET WT 0.67 lb	UNIT PRICE \$ 20.00/lb	\$ 13.40	
TEST DEPARTMENT METTLER TOLEDO			

By Weight/Prepack
 Label format Nr. =13
 Barcode Nr. = 2

		THANK YOU PREPACKAGED FOR YOUR CONVENIENCE KEEP REFRIGERATED	
BEEF TENDERLOIN BONELESS			
FILET MIGNON EXTRAORDINAIRE. RUB OLIVE OIL OVER ENTIRE ROAST. COMBINE PEPPER & GARLIC; RUB INTO ALL SIDES OF ROAST. ROAST IN OVEN FOR 45 TO 50 MINS AT 425 DEGREES. LET STAND 10 MINS. TARE WT 0.20 lb SELL BY 07/02/2000			
NET WT 0.67 lb	UNIT PRICE \$ 20.00/lb	TOTAL PRICE \$ 13.40	
Pre-printed Safe Handling Instruction			
TEST DEPARTMENT METTLER TOLEDO			

By Weight/Prepack
 Label format Nr. =14
 Barcode Nr. = 2

3.7" Label Formats

					
210010 205000					
SNOWFLAKE ROLLS SNACK SIZE					
INGREDIENTS: ENRICHED FLOUR (ENRICHED WITH THIAMINE, RIBOFLAVIN, NIACIN AND IRON) WATER, YEAST, CORN SUGAR, VEGETABLE SHORTENING, (PARTIALLY HYDROGENATED SOYBEAN OIL), WHOLE EGGS, SALT, SODIUM STEAROYL-2-LACTYLATE DIGLYCERIDES, POTASSIUM BROMATE, L-CYSTEINE ENZYME.					
SELL BY	07/01/2000				
QTY	1				
UNIT PRICE	\$ 5.00				
<table border="1"> <tr> <th colspan="2">TOTAL PRICE</th> </tr> <tr> <td>\$</td> <td>5.00</td> </tr> </table>		TOTAL PRICE		\$	5.00
TOTAL PRICE					
\$	5.00				
NET WT: 3oz (0.201b)					
TEST DEPARTMENT METTLER TOLEDO					

By Count
Label format Nr. = 8
Barcode Nr. = 3

					
210010 113400					
BEEF TENDERLOIN BONELESS					
FILET MIGNON EXTRAORDINAIRE. RUB OLIVE OIL OVER ENTIRE ROAST. COMBINE PEPPER & GARLIC; RUB INTO ALL SIDES OF ROAST. ROAST IN OVEN FOR 45 TO 50 MINS AT 425 DEGREES. LET STAND 10 MINS. COMBINE ROOM TEMP. BROTH, RED WINE VINEGAR AND CORNSTARCH IN SAUCEPAN. STIR UNTIL CORNSTARCH IS DISSOLVED. COOK OVER MED HEAT, STIRRING CONSTANTLY UNTIL SAUCE THICKENS AND BOILS. CARVE ROAST INTO THIN OR THICK SLICES OF MEAT.					
NET WT	0.67 lb				
UNIT PRICE	\$ 20.00/lb				
TARE WT	0.20 lb				
SELL BY	07/02/2000				
<table border="1"> <tr> <th colspan="2">TOTAL PRICE</th> </tr> <tr> <td>\$</td> <td>13.40</td> </tr> </table>		TOTAL PRICE		\$	13.40
TOTAL PRICE					
\$	13.40				
Thank you!					
TEST DEPARTMENT METTLER TOLEDO					

By Weight/Prepack
Label format Nr. = 15
Barcode Nr. = 2

Appendix Fonts Table

A

Font No.	Font Type	Heigh in mm	Characters per line
1	AaBbCcDdEeFfGgHhIiJjKkLlMmNnOoPp	1.9	36
2	AaBbCcDdEeFfGgHhIiJjKkLlMmNnOoPp	2.4	36
3	AaBbCcDdEeFfGgHhIiJjKkLlMmNnOoPp	2.9	36
4	AaBbCcDdEeFfGgHhIiJjKkLlMmNnOoPp	3.7	36
5	AaBbCcDdEeFfGgHhIiJjKkLlMmNnOoPp	4.8	36
6	AaBbCcDdEeFfGgHhIiJjKkLl	3.2	27
7	AaBbCcDdEeFfGgHhIiJjKkLl	6.4	27
8	AaBbCcDdEeFfGgHh	2.4	18
9	AaBbCcDdEeFfGgHh	2.9	18
10	AaBbCcDdEeFfGgHh	3.7	18
11	AaBbCcDdEeFfGgHh	4.8	18
12	AaBbCcDdEeFfGgHh	4.8	18
13	AaBbCcDdEeFfGgHh	9.6	18
14	AaBbCcDdEeFf	3.2	13
15	AaBbCcDdEeFf	6.4	13
16	AaBbCcDdEe	2.9	11
17	AaBbCcDdEe	3.7	11
18	AaBbCcDdEe	4.8	11
19	AaBbCcDd	4.8	9
20	AaBbCcDd	9.6	9

Appendix B

Error Message

Warning Message

INPUT TOO BIG

The input is too big.

INPUT TOO SMALL

The input is too small.

TOO MUCH INPUT

The input is out of limit.

WRONG CODENR.

The code number is invalid.

KEY NO FUNCTION

The key has no function.

KEY BLOCKED

The key is disabled. Check the KEYBOARD CONFIGURE.

PLU NOT FOUND

The entered PLU number does not exist.

AG NOT FOUND

The entered Group number does not exist.

OPER.NOT FOUND

The entered Operator number does not exist.

LABEL NOT FOUND

The entered Label Format does not exist.

PLUNR IS OCCUP

You are trying to duplicate a PLU into an exist PLU number.

LABELNR. OCCUP

You are trying to duplicate a label format into an exist label format number.

AG NOT DELETABLE

This Group contains total data and can not be deleted.

OP NOT DELETABLE

This Operator contains total data and can not be deleted.

MEMORY FULL

Memory is full.

WEIGH AGAIN

You are trying to record one item twice. Remove the item from the platter and put a new item on the platter.

WRONG LABEL

The installed label roll does not match the configured label format.

LABEL MOVED

The stepper motor or the rewind motor is not working properly.

CHANGE PAPERROLL

The label roll is not installed or the label roll is empty.

TAKE LABEL OFF

Take off the current label before printing the next one.

NO FREE OX KEY

All the configured operator keys have been occupied.

PRINT TICKET

Print out the customer ticket before logging out.

OPEN CUST. TICK

You are trying to delete an operator who has total data.

OX NOT LOGGED-IN

The operator has not be assigned to an operator.

PAYMENT TOO LOW

The payment is less than the total amount.

NO FURTHER REG.

No further transaction has been recorded.

DISCOUNT IMPOSS

This PLU does not allow to be discounted. Check the PLU Discount configuration, or this PLU is in special offer.

TARE TOO BIG

The entered tare is too big.

PLU TARE ACTIVE

You are forbidden to override the PLU tare.

NO STABLE WEIGHT

The weight is not stable.

PUT PLATTER ON

The weight is too small and out of power up zero range.

ZERO NOT CAPTURE

The weight is too big and out of power up zero range.

WEIGHT TOO SMALL

The weight is too small to be printed.

ERROR TAKE-SENS

The take label sensor is not working properly.

ERROR POS_SENS

The gap sensor is not working properly.

ERROR INTERFACE

The serial port is not working properly.

Error Message

Listed below are the possible error codes are listed. When an error code appears, the scale should be switched off and on. In many cases the error will disappear.

There are 3 different kinds of error messages:

Error Status 1:

Warning! After the warning the scale can still be used.

Error Status 2:

Press "CODE" key. Change to one of the CODE menu. Back to normal operation mode.

Error Status 3:

Press "CODE" key and enter SERVICE MODE, after returning to normal operation mode the scale will perform RESET.

Error Message	Reason	Status	Action
ERROR 300 PRINTER	Printer driver defect	2	Replace Main Logic PCB
ERROR 301 PRINTER	Printer driver defect	2	1 Reflash the software 2 Replace Main Logic PCB
ERROR 307 PRINTER	Printhead defect	2	1 Replace printhead 2 Replace printhead harness 3 Replace Main Logic PCB
ERROR 308 PRINTER	Printer driver defect	1	Replace Main Logic PCB
ERROR 310 PRINTER	Printer driver defect	2	Replace Main Logic PCB
ERROR 101 AP	Real Time Clock defect	1	Replace Main Logic PCB
ERROR 400 CELL	Load Cell defect	-	1 Replace Main Logic PCB 2 Replace Load Cell
ERROR 401 CELL	Load Cell defect	-	1 Recalibrate 2 Replace Main Logic PCB 3 Replace Load Cell
ERROR 200 DATABASE	Data bank error	3	Reset RAM
ERROR 201 XX DATABASE	XX Data error	2	1 Reset RAM 2 Delete Data XX
ERROR 202 XX DATABASE	XX Data error	2	1 Reset RAM 2 Delete Data XX
ERROR 203 YY DATABASE	YY Data error	2	1 Reset RAM 2 Configure YY
ERROR 205 DATABASE	Data bank error	3	Reset RAM

Meaning of XX

01 Operator	07 Group data
02 Ticket data	13 Label data
03 Time total data	15 Date text data
04 Text data	21 PLU label data
05 Barcode data	23 Store adress
06 Tare data	24 PLU data

Meaning of YY

01 Operator Configure	04 Password Configure
03 Keyboard Configure	

Appendix C

ASCII Code Table

Dec	Hx	Oct	Char	Dec	Hx	Oct	Char	Dec	Hx	Oct	Char	Dec	Hx	Oct	Char
0	0	000	NUL (null)	32	20	040	SPACE	64	40	100	@	96	60	140	`
1	1	001	SOH (start of heading)	33	21	041	!	65	41	101	A	97	61	141	a
2	2	002	STX (start of text)	34	22	042	"	66	42	102	B	98	62	142	b
3	3	003	ETX (end of text)	35	23	043	#	67	43	103	C	99	63	143	c
4	4	004	EOT (end of transmission)	36	24	044	\$	68	44	104	D	100	64	144	d
5	5	005	ENQ (enquiry)	37	25	045	%	69	45	105	E	101	65	145	e
6	6	006	ACK (acknowledge)	38	26	046	&	70	46	106	F	102	66	146	f
7	7	007	BEL (bell)	39	27	047	'	71	47	107	G	103	67	147	g
8	8	010	BS (backspace)	40	28	050	(	72	48	110	H	104	68	150	h
9	9	011	TAB (horizontal tab)	41	29	051	)	73	49	111	I	105	69	151	i
10	A	012	LF (NL line feed, new line)	42	2A	052	*	74	4A	112	J	106	6A	152	j
11	B	013	VT (vertical tab)	43	2B	053	+	75	4B	113	K	107	6B	153	k
12	C	014	FF (NP form feed, new page)	44	2C	054	,	76	4C	114	L	108	6C	154	l
13	D	015	CR (carriage return)	45	2D	055	-	77	4D	115	M	109	6D	155	m
14	E	016	SO (shift out)	46	2E	056	.	78	4E	116	N	110	6E	156	n
15	F	017	SI (shift in)	47	2F	057	/	79	4F	117	O	111	6F	157	o
16	10	020	DLE (data link escape)	48	30	060	0	80	50	120	P	112	70	160	p
17	11	021	DC1 (device control 1)	49	31	061	1	81	51	121	Q	113	71	161	q
18	12	022	DC2 (device control 2)	50	32	062	2	82	52	122	R	114	72	162	r
19	13	023	DC3 (device control 3)	51	33	063	3	83	53	123	S	115	73	163	s
20	14	024	DC4 (device control 4)	52	34	064	4	84	54	124	T	116	74	164	t
21	15	025	NAK (negative acknowledge)	53	35	065	5	85	55	125	U	117	75	165	u
22	16	026	SYN (synchronous idle)	54	36	066	6	86	56	126	V	118	76	166	v
23	17	027	ETB (end of trans. block)	55	37	067	7	87	57	127	W	119	77	167	w
24	18	030	CAN (cancel)	56	38	070	8	88	58	130	X	120	78	170	x
25	19	031	EM (end of medium)	57	39	071	9	89	59	131	Y	121	79	171	y
26	1A	032	SUB (substitute)	58	3A	072	:	90	5A	132	Z	122	7A	172	z
27	1B	033	ESC (escape)	59	3B	073	;	91	5B	133	[	123	7B	173	{
28	1C	034	FS (file separator)	60	3C	074	<	92	5C	134	\	124	7C	174	
29	1D	035	GS (group separator)	61	3D	075	=	93	5D	135	]	125	7D	175	}
30	1E	036	RS (record separator)	62	3E	076	>	94	5E	136	^	126	7E	176	~
31	1F	037	US (unit separator)	63	3F	077	?	95	5F	137	_	127	7F	177	D

For Example :

To enter "?", you need to press ET CHANGE key then input "0" "6" "3".

Appendix Additional Function

D

Quick Enter/Exit Prepack Mode

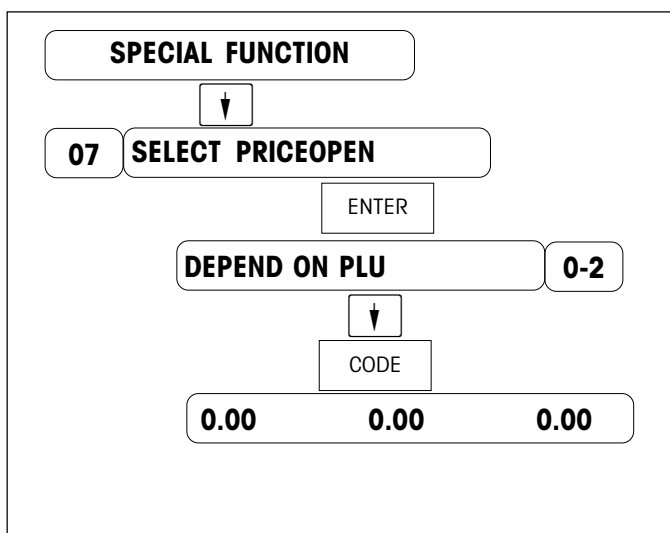


Press MODE key twice.

Open Price Option



Call the "SPECIAL FUNCTION" menu

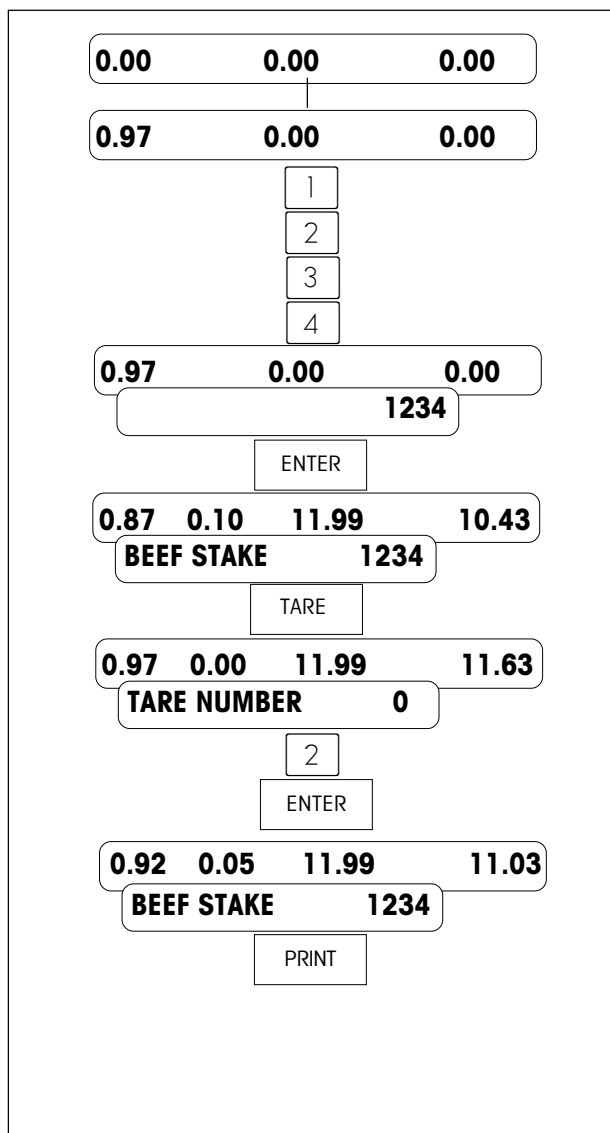


Enter the preset code 07.

Select the open price option
0= Always disable; 1= Always open;
2=Depend on PLU definition

Press the **CODE** key to return to the weighing mode.

Override Tare By Enter New Tare Number



Place the item to be weighed on the platter.

Enter the PLU number on the keyboard.

Press **ENTER** key to retrieve the PLU.

Enter the new tare number

Press **PRINT** key to print a label with new tare

Override Tare By Enter New Tare Value

0.00	0.00	0.00
0.97	0.00	0.00
1		
2		
3		
4		
0.97	0.00	0.00
		1234
ENTER		
0.87	0.10	11.99
BEEF STAKE		1234
TARE		
TARE		
0.97	0.00	11.99
TARE MANUAL INP.		11.63
5		
ENTER		
0.92	0.05	11.99
BEEF STAKE		1234
PRINT		

Place the item to be weighed on the platter.

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

Enter the new tare value

Press PRINT key to print a label with new tare

Combined Override Function

0.00	0.00	0.00
0.87	0.00	0.00
1		
2		
3		
4		
0.87	0.00	0.00
1234		
ENTER		
0.87	11.99	10.43
BEEF STAKE		1234
SHELF LIFE CHANGE		
0.87	11.99	10.43
SELL BY OFFSET		6
5		
0.87	11.99	10.43
SELLBY OFFSET		5
LBL FMT CHANGE		
0.87	11.99	10.43
LABEL NR.		7
6		
0.87	11.99	10.43
LABEL NR.		06
PRINT		

Place the item to be weighed on the platter.

Enter the PLU number on the keyboard.

Press ENTER key to retrieve the PLU.

Enter sell by days

Enter the number of the new label format

Press PRINT key to print a label with new sell by day and label format

Remark :

LBL FMT CHANGE, ADV CHANGE, SHELF LIFE CHANGE, ET CHANGE, CNT/WT CHANGE and PRICE CHANGE can be combined to use.

Appendix E

Programming Membrane Modification

The following function keys can be used as programming keys while entering PLU description, store address, Extra Text and etc.

MODE	Go to the beginning of the line	VOID	Delete
QTY LABEL	Go to the end of the line	PRINT	Shift-lock key, normal/CAPITAL character switching
LBL FMT CHANGE	Move the cursor to the left	CLEAR	Clear the whole text
ADV. CHANGE	Move the cursor to the right	ET CHANGE	Enter a character in ASCII table
PRICE CHANGE	Switch between insert status and overwrite status	CNT/WT CHANGE	Select font size, only used for ticket header and footer
ZERO	Backspace	SHELF LIFE CHANGE	Center the text, only used for ticket header and footer
ENTER	Carriage return	TARE	Space
:	Period	' □	Comma

The following numerical keys can be used to enter the special characters while SHIFT is active.

0	=	5	%
1	!	6	:
2	-	7	/
3	+	8	(
4	\$	9	)

METTLER TOLEDO

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