



METTLER TOLEDO

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1 Your new retail scale

1.1 Safety instructions

Basic safety instructions

- Read these operating instructions prior to using your scale.
- Follow these operating instructions carefully.
- Store these operating instructions near the scale for future reference.
- Do not allow untrained personnel to operate or to clean the scale.
- Do not open the scale.
- Always unplug the scale before cleaning and maintenance.

1.2 Further documents

- For further documents regarding your new retail scale (e.g., User Guide, Data Sheet) please refer to the following website:
<http://www.mt.com/retail-manuals>

1.3 Maintenance

- Only authorized personnel is allowed to open and repair the scale. Please contact your local representative.

1.4 Intended use

- Use the scale only for weighing in accordance with this manual.
- The scale is intended for use in dry locations only.
- Any other type of use and operation beyond the limits of the technical specifications is considered as not intended.

Misuse

- Do not use the scale in industrial and harsh environment.

1.5 Device overview

The scale is available in two versions: as a compact scale or as a tower version.

1.5.1 Keyboard

Tower version



Compact scale

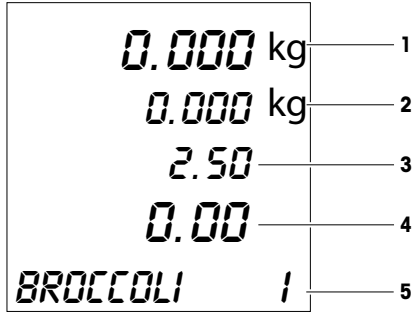


Function keys

	Manual entry		Page down
	Operator key		Page up
	Number block		Tare
	Correction		Manual tare
	Customer total		Information
	Manual entry of price per piece		Code and shift
	Manual entry of an amount to subtract		Mode and shift
	Multiplication		Paper feed
	Fixed unit price / fixed tare		Respond NO in menu or OFF
	Change rendered		Respond YES in menu or ON
	Void		

1.5.2

Display

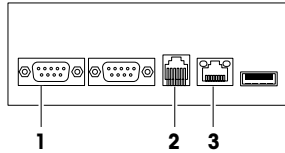


- 1 (Net) weight display
- 2 Tare
- 3 Unit price
- 4 Total price
- 5 Article name and PLU number

1.5.3

Connections

The following connections are available to connect peripherals:



- 1 RS-232/COM A, for a scanner or computer
- 2 Cash drawer connection
- 3 LAN, to set up a network of scales

1.6 Legal for Trade

When the scale is used in trade or a legally controlled application, it must be set up, verified and sealed in accordance with local weights and measures regulations. It is the responsibility of the purchaser to ensure that all pertinent legal requirements are met. As verification requirements vary by jurisdiction, the purchaser should contact their local weights and measures office if they are not familiar with the requirements.

For products sold in Europe, the verification process has been completed at the place of manufacture. These products have been sealed and the type plate includes supplemental metrology markings. They may be put into service immediately. If required by local W & M authorities, additional stickers will already be applied on the device.

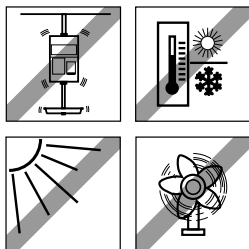
For products sold in other regions, the verification process must be performed at the place of use.

To prevent access to calibration and metrological settings, the scale must be sealed using a paper seal or wire seal.

2 Setting up

2.1 Requirements for scale's location

The right location is critical to weighing accuracy.

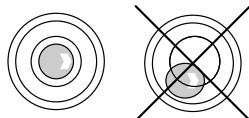


Conditions for an ideal location

- No shocks and vibrations
- No excessive temperature fluctuations
- No direct sunlight
- No strong drafts

► Select a stable, vibration-free and preferably horizontal location for your scale.

2.2 Levelling the scale



Only a perfectly levelled scale delivers accurate weighing results. The scale is equipped with a level indicator to make it easier to level the scale. The level indicator is located under the weighing pan.

► To level the scale, turn the scale's adjustable feet until the air bubble in the level indicator is in the inner circle.

2.3 Inserting paper

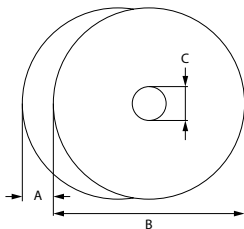
NOTICE

Damage to the print head or poor print quality.

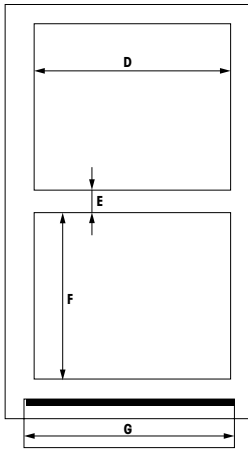
► Only use thermal paper or thermal labels.

2.3.1 Paper format

Ticket/label **rolls** must have the following dimensions:



Dim.	Ticket rolls	Label rolls
A	60 mm	40 mm to 78 mm
B	127 mm	max. 122 mm
C	11 mm	max. 40 mm
	Max. paper length: 150 m	



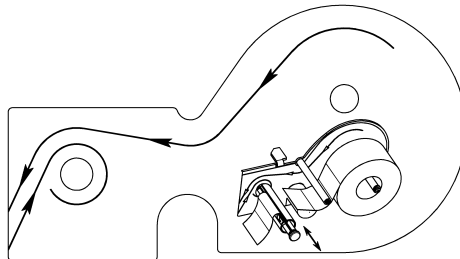
Labels must have the following dimensions:

Dim.	Labels
D	40 mm to 78 mm
E	2 mm \pm 0.2 mm
F	30 mm to 102 mm
G	eff. print width: 54 mm

2.3.2

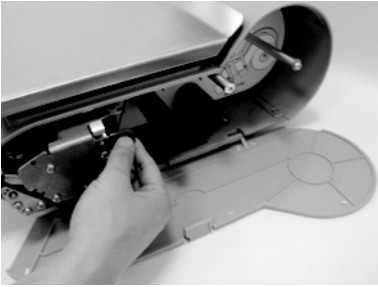
Inserting the receipt roll

1. Open the printer door.
2. Pull the green handle out as far as possible and remove the printer from its housing.
3. Press the release lever downwards.
The print head folds out upwards.
4. Insert the new receipt roll as shown below.
The paper start is on the left side.



5. Pull the thermal paper forwards until it becomes taut.
6. Press the print head downwards until it locks in place again.
7. Tear off the excess paper.
8. Using the green handle, slide the printer back into its housing.
9. Close the printer door.

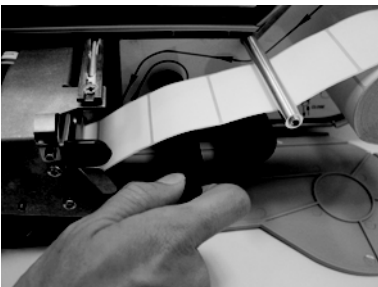
2.3.3 Inserting the label roll



1. Open the printer door.
2. Pull the green handle out as far as possible and remove the printer from its housing.



3. Press the release lever downwards.



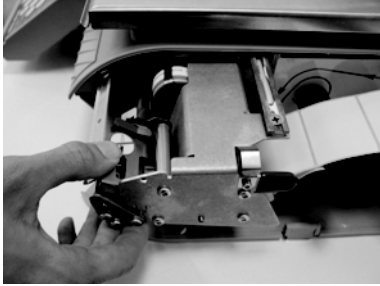
4. Insert the label roll as shown in the picture.
5. Pull the takeup spindle forwards.



6. Insert the liner paper into the takeup spindle.



7. Push the takeup spindle back in again.



8. Press the print head downwards.



9. Rotate the takeup spindle clockwise until the paper is taut.

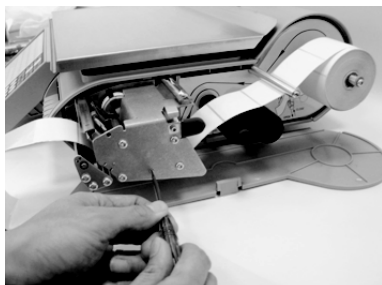


10. Slide the pinter back into place.

11. Close the printer door.

12. Press the paper feed key.

2.3.4 Adjusting the paper width



1. Open the printer door.
2. Pull the green handle out as far as possible and remove the printer from its housing.
3. Insert the receipt or label roll.
4. Using a screwdriver, adjust the paper guide to the corresponding paper width.
5. Close the printer door.

2.4 Connecting to mains power



DANGER **Electrical shock hazard**

- ▶ Only connect the device to a properly grounded outlet.
 - ▶ Only use the power cord supplied with the device.
 - ▶ Use power outlets which are easily accessible and located no further than the length of the power cord.
 - ▶ Do not remove the ground plug.
1. Connect the supplied power supply unit to the power connection socket at the front of the scale.
 2. Plug the power supply unit into a correctly grounded power outlet.

2.5 Turning scale on/off

- ▶ To turn the scale on press the **On/Off** key at the front of the scale.
- ▶ To turn the scale off press the **On/Off** key uagain.

The scale is ready when the weight display appears.



3 Fast and easy operation



The applications described in this chapter refer to working with one vendor.

3.1 Free input



#

0 ... 9

V

0.000 kg

...

*

V

You can immediately use your scale for weighing and selling – without prior configuration.

1. Place the item on the scale.
2. Press the # key.
3. Enter the unit price (price/kg).
The price to pay is displayed.
4. Confirm the entry with the vendor key.
5. Remove the item from the scale.
All displays return to 0.
6. For more items, repeat steps 1 to 5.
7. Total items with the star key.
8. Complete the transaction with the vendor key.

3.2

Calling up PLUs



0 ... 9

V

0.000 kg

...

V

Calling up PLU automatically

1. Place the item on the scale.
2. Enter the corresponding PLU number.
The PLU is called up automatically.
Unit price and price to pay are displayed.
3. Confirm the entry with the vendor key.
4. Remove the item from the scale.
All displays return to 0.
5. For more items, repeat steps 1 to 5.
6. Total items with the star key.
7. Complete the transaction with the vendor key.



M1

V

0.000 kg

...

V

Calling up PLUs with preset keys

1. Place the item on the scale.
2. Press the corresponding preset key.
Unit price and price to pay are displayed.
3. Confirm the entry with the vendor key.
4. Remove the item from the scale.
All displays return to 0.
5. For more items, repeat steps 1 to 5.
6. Total items with the star key.
7. Complete the transaction with the vendor key.

3.3

Using tare

You fill containers with your products or customers bring their own container. The tare function makes sure that only the goods are entered and paid.

If you know the weight of your containers, you can enter the tare weight via keyboard. So you do not have to tare the empty container.



T



...

Taring an empty container

1. Place the empty container on the scale.
2. Press the **Tare** key.
The weight display is reset to 0.000 kg and the NET symbol appears.
3. Fill the container with the goods to be weighed.
4. Carry out pricing as described above.
5. Remove the container from the scale.
All displays return to 0.

3.4

Zeroing

3.4.1

Automatic zeroing

The scale is equipped with an automatic zeroing maintenance function, which means that small weight changes of the unloaded weighing pan are compensated automatically.

3.4.2

Manual zeroing

-0.010 kg

C C

0.000 kg

- ▶ Press the **C** key twice.

The weight display is set to zero.



If zeroing is not possible, switch the scale off and on again.

3.5

Cleaning



CAUTION

Damage to the scale

- ▶ Turn off and unplug the device before cleaning.
- ▶ Do not open the device.
- ▶ Make sure that no fluids get inside the device.
- ▶ Do not use scouring powders or plastic dissolving cleaning agents for cleaning.

Cleaning

- ▶ Remove the weighing pan and clean it with a commercially available household detergent.
- ▶ If heavily soiled, clean the surface of the device with a damp cloth that has been dipped in water containing a mild liquid detergent and well wrung out.
- ▶ Remove the keypad membranes and clean them. Make sure that the keypad membranes are thoroughly dry when replacing them.

4 Technical data

4.1 Technical data

Scale data

Max. load / increments	3 / 6 kg	e = 1 / 2 g
	6 / 15 kg	e = 2 / 5 g
	30 kg	e = 5 g

Display

Weight display	5 digits
Unit price display	7 digits
Total price display	7 digits
Tare	5 digits

Ambient conditions

Operating temperature	-10 °C to +40 °C
Storage temperature	-10 °C to +70 °C
Humidity	80 % max. relative humidity for temperatures up to 31 °C, decreasing linearly to 50 % at 40 °C, non-condensing
Altitude	up to 2000 m

Electrical data

Power supply	100 to 240 V AC, 50 / 60 Hz, 0.5 A
Mains supply voltage fluctuations	up to ±10 % of the nominal voltage
Installation category	II
Degree of pollution	2

4.2 Compliance



Compliance to the following standards is indicated by the corresponding mark on the product.

This product conforms to the EMC directive 2014/30/EU, the Low Voltage Directive 2014/35/EU and the Non-automatic Weighing Instruments Directive 2014/31/EU. The complete Declaration of Conformity is available online at

<http://www.mt.com/retail-manuals>

5

Disposal



In accordance with the requirements of European Directive 2002/96 EC on Waste Electrical and Electronic Equipment (WEEE), this device may not be disposed of with domestic refuse. This also applies for countries outside the EU in accordance with their respective national regulations.

- ▶ Please dispose of this product in accordance with local regulations for the separate collection of waste electrical and electronic equipment.

Should you have any questions, please contact the corresponding authorities or the dealer from whom this device was purchased.

If this device is passed on (for example for further private or commercial/ industrial use), this regulation is also to be passed on.

Many thanks for your contribution to the protection of the environment.



For disposal instructions in Europe, refer to <http://www.mt.com/retail-manuals>

www.mt.com/retail

For more information

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