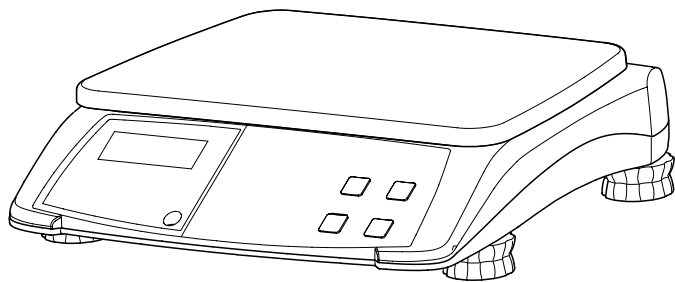


bRite WeighOnly
Retail scale



METTLER TOLEDO

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1 Your new retail scale

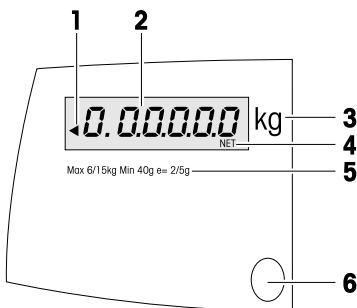
1.1 Most important functions

Congratulations on your new scale.

This robust digital scale with its hygienic design and battery operation facilitates comfortable mobile weighing while maintaining the highest accuracy.

1.2 Device overview

1.2.1 Display



- 1 Indicator for mains/battery operation
- 2 Weight display
- 3 Weight unit
- 4 Status line
- 5 Calibration plate
- 6 Level indicator

In addition to the weight, the following status messages and indicators can be displayed:

ZERO	Scale is at center of zero
PT	Tare recalled from PLU
TARE	Tare value (gross minus net)
NET	Net value (gross minus tare)

Mains/battery indicator

The arrow ◀ points on the type of power supply indicated left of the display.



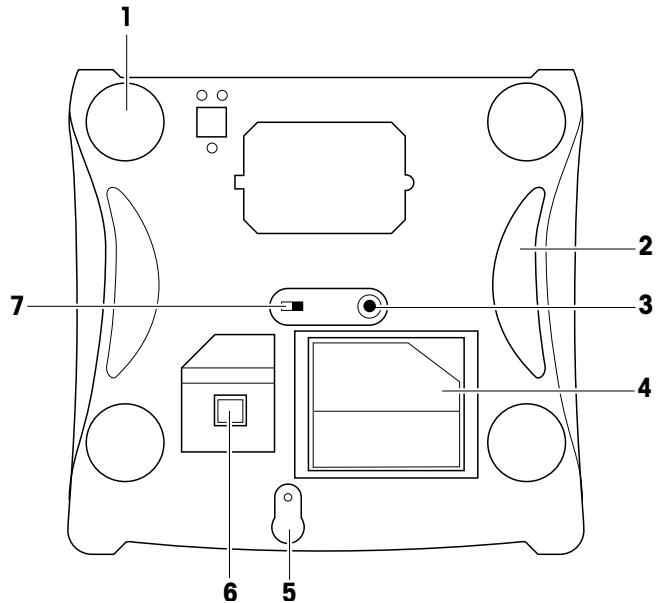
Mains operation

Battery operation

The arrow is blinking when the battery is being charged

The display "BAT L" and a beep indicate that the battery voltage has reached a critical level.

1.2.2 Connections and features on the underside



- 1 Adjustable feet
- 2 Grips
- 3 Power supply connection
- 4 Power supply storage box
- 5 Calibration button
- 6 Interface connection; RS232/USB, depending on cable
- 7 Battery switch: NiMH – D-cell

1.3



Safety instructions

Basic safety instructions

- ▶ Read these operating instructions prior to using your scale.
- ▶ Store these operating instructions in the vicinity of the scale for future reference.
- ▶ Do not open the scale.
- ▶ Always unplug the scale before cleaning.



Safety instructions for battery operation

- ▶ The battery must not come into contact with chemical solvents, oil or water.
- ▶ Keep batteries away from heat and fire.
- ▶ Do not open the battery.

1.4

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.

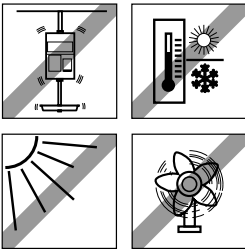
2 Setting up

2.1 Scope of delivery

- ▶ Check if the delivery is complete:
 - Scale
 - Stainless steel weighing pan
 - Power supply, stored in the power supply storage compartment under the scale
 - Operating instructions

2.2 Requirements for scale's location

The right location is critical to weighing accuracy.

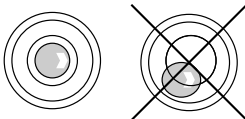


Conditions for an ideal location

- 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.

2.3 Setting up the scale

2.3.1 Levelling the scale

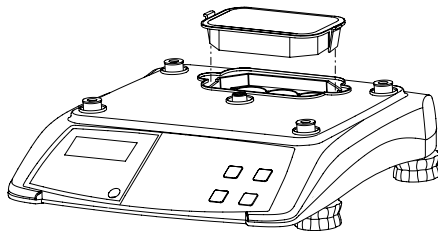


Only a perfectly levelled scale delivers accurate weighing results. The scale is equipped with a level indicator to make it easier to level the scale.

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

2.4

Inserting the batteries



1. Make sure that the external power supply is disconnected.
2. Remove the weighing pan.
3. Remove the battery compartment cover.
4. Turn over the scale and set the battery switch as follows:
 - for rechargeable D-cell batteries: "NiMH".
 - for non-rechargeable D-cell batteries: "Battery"
5. Turn over the scale.



WARNING

Risk of explosion when the battery switch is not set correctly.

- ▶ Make sure that the battery switch is in the right position for the desired type of battery.
6. Place the batteries in the compartment so that the positive poles face the springs, see pole markings on cover and housing.
 7. Close the battery compartment and put the weighing pan back on.

2.5

Connecting to mains power

The power supply is stored in a department under the scale to support save transport.

1. Connect the supplied power supply unit to the power connection socket on the underside of the scale.
2. Plug the power supply unit into a correctly grounded power outlet.

2.6

Turning scale on/off

- ▶ To turn the scale on press the **On/Off** key.
 - ▶ To turn the scale off press and hold the **On/Off** key until a long beep can be heard.
- After the scale is turned on, it runs through a short display test. All segments and status messages briefly light up, the software version is displayed.
 - The scale is ready when the weight display appears.



2.7

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.

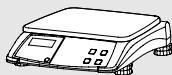
3 Operation

3.1

Weighing



0.350 kg



0.000 kg

1. Place the weighing goods on the scale.
2. Wait until a stable weighing result is displayed and read the weighing result.
The weighing result is displayed as long as the weighing goods remain on the scale.
3. Remove the weighing goods from the scale.
The display returns to 0.

3.2

Printing/transferring weighing results

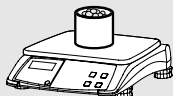
If a printer or computer is connected to the scale, weighing results can be printed or transferred to a computer.

0.350 kg



- ▶ When a stable weighing result is displayed, double press the **Enter** key.
The weighing result is printed or transferred to a computer.

3.3



Taring

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

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. The tare weight is displayed with negative sign in the display when the empty container is removed from the scale.
3. Fill the container with the goods to be weighed.
4. Remove the container from the scale.
The display returns to 0.

3.4

0.0 10 kg



0.000 kg

Zeroing

Due to soiling on the weighing pan or unfavourable external influences, it is possible that the weight display of an unloaded weighing pan may no longer be 0.000 kg. In such cases, the scale must be reset to zero. The maximum allowed deviation to be compensated by zeroing is $\pm 2\%$ of the weighing range.

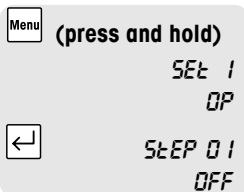
- Press the **Zero** key.

The weight display is set to zero.

4 Operator setup

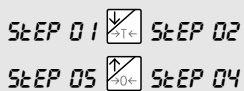
4.1 Setup operation

4.1.1 Entering operator setup



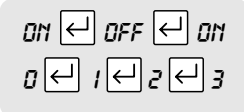
1. Press and hold the **Menu** key until a long beep can be heard. SET 1 OP is displayed for "Operator Setup"
2. Press the **Enter** key to enter operator configuration. The first operator setup step and its current setting are displayed.

4.1.2 Navigation in the setup



Selecting setup step

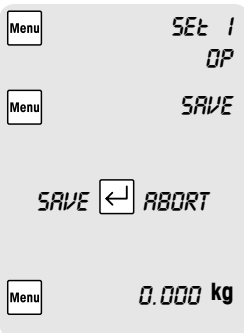
- To move to another setup step, use the **Arrow down** (Tare) key or **Arrow up** (Zero) key. In the line below, the current setting of the step is displayed.



Changing settings

- To toggle between the settings of a setup step, use the **Enter** key. When moving to another setup step, the selected setting is confirmed.

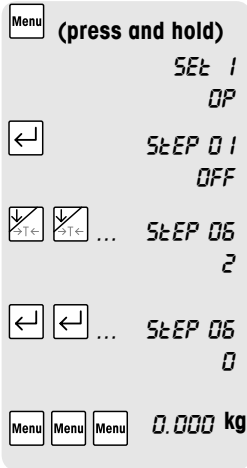
4.1.3 Ending setup



1. Press the **Menu** key to leave operator setup steps.
2. Press the **Menu** key again to leave the setup mode. SAVE is displayed.
3. If you do not want to save, use the **Enter** key to toggle between SAVE and ABORT.
4. Press the **Menu** key a third time to return to the weighing mode.

4.1.4

Example: Setting digital filter to low (operator setup Step 6 = 0)



1. Press and hold the **Menu** key until a long beep can be heard. SET 1 OP is displayed for "Operator Setup".
2. Press the **Enter** key to enter operator configuration. The first operator setup step and its current setting are displayed.
3. To move to setup Step 6, press the **Arrow down** (Tare) key repeatedly until Step 06 with its current setting is displayed.
4. To change the setting of setup Step 6, press the **Enter** key repeatedly until the setting is 0.
5. End setup by pressing the **Menu** key three times.

4.2

Operator setup overview

Factory settings are indicated in **bold** print.

No.	Setting	Description
1	Reset	ON Reset operator setup functions to factory settings OFF Do not reset operator setup functions
2	Beeper	ON Beep when a key is pressed OFF No sound when a key is pressed
3	Backlighting	ON Backlighting on OFF Backlighting off
4	Power off / sleep	0 Both disabled, power off and sleep function 1 No sleep funktion, automatic power off after 30 minutes of non-use 2 Sleep function after 5 minutes of non-use, no automatic power off 3 Sleep function after 5 minutes of non-use, automatic power off after 30 minutes of non-use 4 Sleep function after 15 minutes of non-use, no automatic power off 5 Sleep function after 15 minutes of non-use, automatic power off after 30 minutes of non-use

1 Reset

- ON Reset operator setup functions to factory settings
- OFF** Do not reset operator setup functions

2 Beeper

- ON Beep when a key is pressed
- OFF No sound when a key is pressed

3 Backlighting

- ON Backlighting on
- OFF** Backlighting off

4 Power off / sleep

- 0 Both disabled, power off and sleep function
- 1 No sleep funktion,
automatic power off after 30 minutes of non-use
- 2 Sleep function after 5 minutes of non-use,
no automatic power off
- 3 Sleep function after 5 minutes of non-use,
automatic power off after 30 minutes of non-use
- 4 Sleep function after 15 minutes of non-use,
no automatic power off
- 5** Sleep function after 15 minutes of non-use,
automatic power off after 30 minutes of non-use

No.	Setting	Description
5	Auto clear tare	
	ON	Automatic clearing of the tare weight when the load is removed from the platform
	OFF	No automatic clearing of the tare weight
6	Digital filter	
	0	Low digital filtering
	1	Medium digital filtering
	2	High digital filtering
7	Charging function	
	ON	Battery charging function enabled
	OFF	Battery charging function disabled
		To change charging function you are asked to enter a password: 55555
8	Communication port	
	0	RS232
	1	USB
9	Communication type	
	0	Protocol transfer to a connected computer
	1	Printout on a connected printer
10	Communication format	
	0	7 data bits, parity even, 1 stop bit
	1	7 data bits, parity odd, 1 stop bit
	2	7 data bits, no parity, 1 stop bit
	3	8 data bits, no parity, 1 stop bit
	4	7 data bits, parity even, 2 stop bits
	5	7 data bits, parity odd, 2 stop bits
	6	7 data bits, no parity, 2 stop bits
	7	8 data bits, no parity, 2 stop bits
11	Communication protocol *	
	0	CAS
	1	Epelsa
	2	8217
	3	NCI
		Supported commands: W, Z, T, t

* Communication protocols not available in all regions

5 What do you do if....?

General

If the scale shows an error message, proceed as follows:

1. Turn off the scale and wait for approx. 5 seconds.
2. Turn on the scale.
3. If the error message is still displayed, refer to the error message list.

Error message list

Error	Cause	Remedy
E11	RAM error	▶ Call service technician
E16	ROM error	▶ Call service technician
E18	EEPROM error	▶ Call service technician
nnnnn	Overload	▶ Reduce load
uuuuu	Load too small	▶ Re-zero the scale

6 Technical data and accessories

6.1 Technical data

Display	
Weight display	6 digits
Ambient conditions	
Operating temperature	-10 °C to +40 °C
Storage temperature	-25 °C to +50 °C
Electrical data	
Power supply	12 V DC
Power consumption	50 mA
Plug-in adapter	In: 230 V AC 50 Hz Out: 12 V DC / 800 mA
Charging current	500 mA
NiMH battery	7000 mAh

6.2 Accessories

The following optional accessories are available from your sales representative:

- Weighing platform cover
- Scale cover
- POS connector RS232
- POS connector USB
- Deep bowl
- Rechargeable NiMH batteries
- Printer cable



The offering of accessories may vary by the region.

6.3

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>

7 Appendix

7.1 Periodical verification in the countries of the EEC

Country	Period	Date on seal	Verification body	Note
Austria	2 years	Year	MT	W&M if no private body accredited
Belgium	4 years	Year	W&M	
Bulgaria	1 year class III	Month	W&M	
Croatia	1 year	Quarter	W&M	
Czech Republic	2 years	Year	W&M	
Denmark	4 years	Year	Force, MT	MT as of 2009
Estonia	1 year	Month	Metroserf	
Finland	3 years	Year	W&M	
France	2 years	Month	MT	
Germany	2 years	Year	W&M	
Greece	1 year	Year	W&M	
Hungary	2 years	Exact day	W&M	
Iceland	2 years	Year	W&M	
Ireland	1 year	Exact day	W&M	
Italy	3 years	Month	MT	
Latvia	2 years	Year	W&M	
Lithuania	2 years	Year	W&M	
Netherlands	None	–	MT	
Norway	3 years	Year	W&M	
Poland	4 years / 25 months	Year / Month	W&M	4 years after initialisation, 25 months on periodic
Portugal	1 year	Year	W&M	
Romania	1 year	Month	W&M	
Slovakia	2 years	Exact day	W&M	
Slovenia	2 years	Exact day	W&M	
Spain	2 years	Year	W&M	
Sweden	2 (1) years	Year	W&M	1 year when used outdoors
Switzerland	2 years	Year	W&M	
United Kingdom	None	–	W&M	

7.2



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.

Battery disposal

Batteries contain heavy metals and therefore cannot be disposed of in the domestic refuse.

- ▶ Observe local regulations on the disposal of materials which are hazardous to the environment.

www.mt.com/retail

For more information

Mettler-Toledo GmbH

Im Langacher 44
8606 Greifensee, Switzerland
www.mt.com/contact

Subject to technical changes.
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