

For Your Essential Needs Worry-free Weighing



Intuitive touch operation

The unit's large 4.5" color TFT touchscreen with clear icons and intuitive guidance enables users to operate it quickly - even while wearing cloth or rubber gloves. Multilingual text and graphics walk you through every step of your weighing procedures.



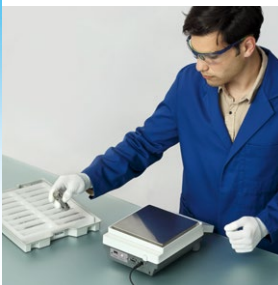
Built to perform and last

The metal base housing and a high quality finish make the ME-TE robust enough for tough environments, while smooth surfaces make it easy to maintain and clean.



Easy to use

Eight embedded applications including checkweighing, totaling and formulation allow operators to start working right away. Sample IDs and passcode protection make sure settings are not changed by unauthorized personnel.



Easy data handling

Multiple interfaces support barcode reader, printer and PC connections for easy traceability and data handling. USB and RS232 connectivity along with an optional Bluetooth adapter simplify data upload and transfer.



ME-TE Precision Balances

Essential Functionality, Solid Performance

Whether you work on a factory floor or in a lab, you need a balance that combines essential weighing functions with ease of use to deliver accurate and reliable results day after day.

METTLER TOLEDO's ME-TE Precision balances are ideal for routine weighing procedures. An intuitive touchscreen makes daily tasks as simple as possible while built-in features give operators everything they need to weigh with the accuracy, repeatability and traceability required.

An Electromagnetic Force Compensation (EMFC) weighing cell delivers consistently reliable results and built-in overload protection helps to ensure long balance life.

| ME-T Precision Balances | ME103TE | ME203TE | ME303TE | ME403TE | ME1002TE | ME2002TE | ME3002TE | ME4002TE | ME4001TE |
|---|--------------|---------------|---------------|---------------|-------------------|------------------|------------------|------------------|-----------------|
| Limit values | 1 mg | | | | 0.01-0.1 g | | | | |
| Maximum capacity | 120 g | 220 g | 320 g | 420 g | 1200 g | 2200 g | 3200 g | 4200 g | 4200 g |
| Readability | 1 mg | 1 mg | 1 mg | 1 mg | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.1 g |
| Repeatability (at nominal load) | 1 mg | 1 mg | 1 mg | 1 mg | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.1 g |
| Linearity deviation (test load) | 2 mg (20 g) | 2 mg (50 g) | 2 mg (50g) | 2 mg (100g) | 0.02 g (200 g) | 0.02 g (500 g) | 0.02 g (500 g) | 0.02 g (1000 g) | 0.2 g (1000 g) |
| Typical values | | | | | | | | | |
| Repeatability, typical (sd) | 0.7 mg | 0.7 mg | 0.7 mg | 0.7 mg | 0.007g | 0.007 g | 0.007g | 0.007g | 0.07 g |
| Linearity, typical | 0.6 mg | 0.6 mg | 0.6 mg | 0.6 mg | 0.006 g | 0.006 g | 0.006 g | 0.006 g | 0.07 g |
| Eccentricity deviation (test load) ¹ | 1.5 mg (20g) | 1.5 mg (100g) | 1.5 mg (100g) | 1.5 mg (200g) | 0.01 g (500 g) | 0.01 g (1000 g) | 0.015 g (1000g) | 0.015 g (2000g) | 0.025 g (2000g) |
| Sensitivity offset (test weight) | 2 mg (50g) | 2 mg (200g) | 2 mg (300g) | 3.5 mg (400g) | 0.018 g (1000 g) | 0.018 g (2000 g) | 0.018 g (3000 g) | 0.018 g (4000 g) | 0.24 g (4000 g) |
| Minimum sample weight (acc. to USP) | 1400 mg | 1400 mg | 1400 mg | 1400 mg | 14 g | 14 g | 14 g | 14 g | 120 g |
| Minimum sample weight (U=1%, k=2) | 140 mg | 140 mg | 140 mg | 140 mg | 1.4 g | 1.4 g | 1.4 g | 1.4 g | 12 g |
| Settling time | 1.5 s | 1.5 s | 1.5 s | 1.5 s | 1.5 s | 1.5 s | 1.5 s | 1.5 s | 1.0 s |
| Dimensions | | | | | | | | | |
| Weighing pan | 120 mm (Ø) | 120 mm (Ø) | 120 mm (Ø) | 120 mm (Ø) | 180 x 180 | 180 x 180 | 180 x 180 | 180 x 180 | 180 x 180 |

¹⁾ According to OIML R76

Features


| | |
|---------------------|---|
| Accurate Results | Electromagnetic Force Compensation (EMFC) weighing External calibration Metal base |
| Efficient Operation | Large 4.5" color TFT touchscreen Statistical data analysis Overload protection |
| Quality Assurance | Input of up to 4 sample IDs Passcode protection 15 available languages |
| Seamless Processing | 3 interfaces - USB device, USB host and RS232 Bluetooth option PC Direct for easy data transfer |



METTLER TOLEDO balances can be customized with accessories and peripheral devices to meet the needs of virtually any application. Our carefully designed accessories make your work easier, convenient and help increase efficiency.



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For more information

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