

ME-T Balances



The ME-T Balance Line

Solid performance

Sustainable value

Easy to use

For Your Essential Needs

Worry-free Weighing

METTLER TOLEDO

ME-T Analytical and Precision Balances

Essential Functionality, Solid Performance

In today's busy laboratory, you need a balance that combines essential everyday weighing functions with ease of use to deliver accurate, reliable results day after day.

METTLER TOLEDO's ME-T balances are ideal for routine weighing procedures, with intuitive touchscreen operation to make your daily tasks as simple as possible. And of course there is a wide range of optional accessories to make weighing even easier, from a simple dust cover to help keep your balance clean to a dedicated kit for rapid density determination.



Color touchscreen display makes weighing easy

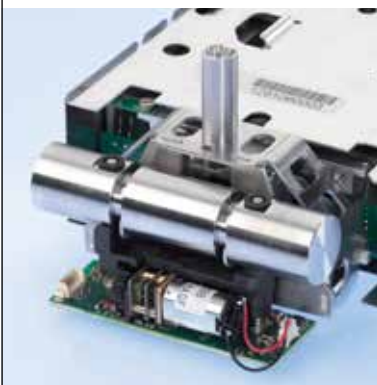


- 4.5" large color TFT display
- Touchscreen operation
- Intuitive interface with user guidance
- 4 freely-defineable IDs per sample e.g. user, sample
- Passcode protection



Ensuring solid performance and sustainable value. Your daily routines made easy.

Proven weighing cell delivers reliable results



- FACT automatic internal adjustment
- Built-in overload protection

Multiple connectivity enables rapid integration



- Just plug in and start (printer, barcode reader, etc.)
- Built-in RS232, USB device, USB host
- Bluetooth adapter available

Easy-to-use built-in applications

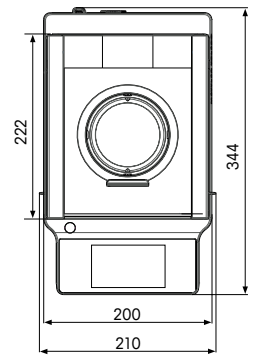
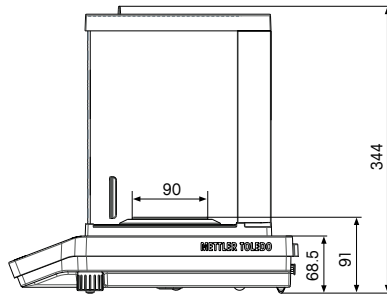


- 8 embedded applications, including statistics and formulation
- Documentation according to ISO/GLP requirements
- Supports underfloor weighing

ME-T Balances

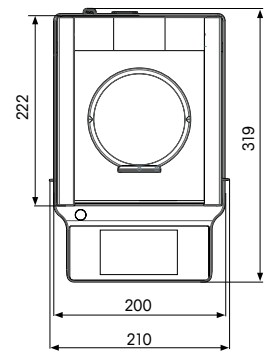
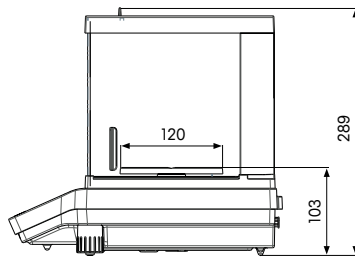
Technical Specifications

ME204T

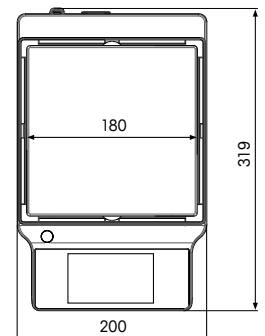
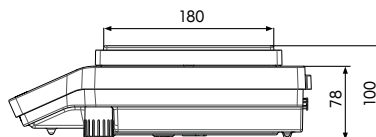


www.mt.com/met-analytical

ME303T



ME4002T



www.mt.com/met-precision

| ME-T Analytical Balances | 0.1 mg | | |
|-------------------------------------|-------------------------|---------------------------|---------------------------|
| Model | ME54T ME54TE | ME104T ME104TE | ME204T ME204TE |
| Maximum capacity | 52 g | 120 g | 220 g |
| Readability | 0.1 mg | 0.1 mg | 0.1 mg |
| Repeatability | 0.1 mg | 0.1 mg | 0.1 mg |
| Repeatability (at nominal load) | 0.1 mg | 0.1 mg | 0.1 mg |
| Settling time | 2 s | 2 s | 2 s |
| Minimum sample weight (acc. to USP) | 160 mg | 160 mg | 160 mg |
| Minimum sample weight (U=1%, k=2) | 16 mg | 16 mg | 16 mg |

| ME-T Precision Balances | 1 mg | | | | |
|-------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Model | ME103T ME103TE | ME203T ME203TE | ME303T ME303TE | ME403T ME403TE | ME503T ME503TE |
| Maximum capacity | 120 g | 220 g | 320 g | 420 g | 520 g |
| Readability | 1 mg | 1 mg | 1 mg | 1 mg | 1 mg |
| Repeatability | 1 mg | 1 mg | 1 mg | 1 mg | 1 mg |
| Repeatability (at nominal load) | 1 mg | 1 mg | 1 mg | 1 mg | 1 mg |
| Settling time | 1.5 s | 1.5 s | 1.5 s | 1.5 s | 1.5 s |
| Minimum sample weight (acc. to USP) | 1400 mg | 1400 mg | 1400 mg | 1400 mg | 1400 mg |
| Minimum sample weight (U=1%, k=2) | 140 mg | 140 mg | 140 mg | 140 mg | 140 mg |

| ME-T Precision Balances | 0.01-0.1 g | | | | | |
|-------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Model | ME1002T ME1002TE | ME2002T ME2002TE | ME3002T ME3002TE | ME4002T ME4002TE | ME5002T ME5002TE | ME4001T ME4001TE |
| Maximum capacity | 1200 g | 2200 g | 3200 g | 4200 g | 5200 g | 4200 g |
| Readability | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.1 g |
| Repeatability | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.1 g |
| Repeatability (at nominal load) | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.01 g | 0.1 g |
| Settling time | 1.5 s | 1.5 s | 1.5 s | 1.5 s | 1.5 s | 1.0 s |
| Minimum sample weight (acc. to USP) | 14 g | 14 g | 14 g | 14 g | 14 g | 120 g |
| Minimum sample weight (U=1%, k=2) | 1.4 g | 1.4 g | 1.4 g | 1.4 g | 1.4 g | 12 g |

Features

| | |
|---------------------|---|
| Accurate Results | Electromagnetic Force Compensation Weighing Cell |
| | FACT – fully automatic temperature-controlled internal adjustment or external calibration |
| | Housing: Metal base, ABS top |
| Efficient Operation | 4.5" large color TFT touchscreen |
| | Statistics - improved management of weighing data |
| | Overload protection |
| Quality Assurance | Up to 4 Sample ID's - avoid confusion between samples and provide traceability |
| | Passcode protection - only authorized users can make adjustments |
| | 15 languages available |
| Seamless Process | 3 interfaces - USB device, USB host and RS232 |
| | Bluetooth option |
| | PC Direct application for easy data transfer |

Make the Most of Your Balance with Clever Accessories and Service

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.

Smooth routine testing



Weights and CarePacs® are perfectly designed for reliable routine testing and adjustment of balances.

Protect results from static



The freestanding U-Electrode removes electrostatic charges on samples and containers.

Fast density determination



Density determination of solid and liquid samples is easy with this kit for analytical and precision balances.

Wireless with Bluetooth



Simply plug in the BT adapter where there is no built-in BT interface to wirelessly send data between your balance and a PC, tablet or printer. No additional software needed.

Easy documentation



The printers generate fast, high quality printouts on paper, self-adhesive labels and continuous self-adhesive paper.

Reliable sample transfer



SmartPrep™ single-use, antistatic funnels enable safe and fast weighing-in of powders. Simply weigh, transfer and rinse. Fits nearly any standard 10 – 250 mL flask.



Our team of 5,000 professional service experts and customer supporters in more than 140 countries worldwide have the necessary skills and experience to satisfy all your needs with the following service offering: Good Weighing Practice®, support, repair, maintenance, calibration, certification and quality assurance.

► www.mt.com/service

Benefit From Our Weighing Expertise

With decades of experience in laboratory weighing, METTLER TOLEDO can offer you a wide range of online learning resources. Take advantage of our know-how and ensure you get the most out of your balance. Check out the documentation on our internet pages for a range of relevant materials.



Videos

Get practical advice in an easy learning format on Laboratory Weighing and Weighing Applications and Solutions. Over 40 videos cover topics such as:

- Easy cleaning
- Density determination

► www.youtube.com/mtlaboratory



eLearning

Online training is a cost effective way to train new employees and fulfill GLP/GMP/ISO re-training requirements. Get going with:

- Lab Balances – External Influences and Cleaning

► www.mt.com/lab-elearning



On-demand Webinars

Learn directly from our weighing experts and guest speakers. It is easy to register.

For starters, we recommend:

- Minimizing Out-of-Specification Errors
- Good Weighing Practice™

► www.mt.com/webinars

www.mt.com/balances

For more information

Mettler-Toledo AG

Im Langacher 44
8606 Greifensee, Switzerland
Tel. +41-44-944 22 11
Fax +41-44-944 30 60

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