

# For Your Essential Needs Worry-Free Weighing



### Easy to Use

Ten 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.



### Accuracy Ensured

An Electromagnetic Force Compensation (EMFC) weighing cell with FACT technology automatically adjusts the balance whenever there is a change in ambient temperature, ensuring your results remain accurate and reliable. Built-in overload protection helps to ensure long balance life.



### Intuitive Touch Operation

The unit's bright 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.



### 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-T Analytical Balances

### Essential Functionality, Solid Performance

Every lab needs a balance that combines essential weighing functions with ease of use to deliver accurate, reliable results day after day.

METTLER TOLEDO's ME-T analytical balance is ideal for your lab's sensitive yet 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.

The metal base and a high quality finish make ME-T robust enough for tough environments and the smooth surfaces make it easy to clean. This precise scale is built to perform—and last!

# ME-T Analytical Balances, 0.1 mg Readability

Technical Specifications	ME54T	ME104T	ME204T
<b>Limit Values</b>			
Capacity	52 g	120 g	220 g
Readability	0.1 mg	0.1 mg	0.1 mg
Repeatability (at 5% load)	0.1 mg	0.1 mg	0.1 mg
Linearity deviation	0.2 mg	0.2 mg	0.2 mg
<b>Typical Values</b>			
Repeatability (at 5% load)	0.08 mg	0.08 mg	0.08 mg
Linearity deviation	0.06 mg	0.06 mg	0.06 mg
Sensitivity offset (at nominal load)	0.1 mg (50 g)	0.2 mg (100 g)	0.24 mg (200 g)
Minimum weight (USP, tolerance = 0.10%)	160 mg	160 mg	160 mg
Minimum weight (tolerance = 1%)	16 mg	16 mg	16 mg
Settling time	2 s	2 s	2 s
<b>Dimensions</b>			
Weighing pan (mm)	∅ 90	∅ 90	∅ 90
Balance size, W×D×H (mm)	210×344×344	210×344×344	210×344×344

Models without internal test weights are also available (ExCal).



## Features

Accurate Results	Efficient Operation	Quality	Connectivity
<ul style="list-style-type: none"> <li>• Electromagnetic Force Compensation (EMFC)</li> <li>• FACT internal adjustment or external calibration</li> <li>• Metal base</li> <li>• OIML/NTEP approved</li> </ul>	<ul style="list-style-type: none"> <li>• Bright 4.5" color TFT touchscreen</li> <li>• 10 built-in applications</li> <li>• Front level indicator</li> <li>• Statistical data analysis</li> <li>• Overload protection</li> </ul>	<ul style="list-style-type: none"> <li>• Input of up to 4 sample IDs</li> <li>• Passcode protection</li> <li>• 15 available languages</li> </ul>	<ul style="list-style-type: none"> <li>• 3 interfaces: USB device, USB host, RS232</li> <li>• Bluetooth option</li> <li>• Built-in PC direct function for easy data transfer</li> </ul>

## Accessories

### RS P25 Printer



Fast, high quality printouts on paper, self-adhesive labels and continuous self-adhesive paper (including barcodes).

### Bluetooth Adapter



Wirelessly send data between the balance and a PC, tablet or printer. No additional software needed.

### SmartPrep™



Single-use, antistatic funnels enable safe and fast weighing-in of powders. Simply weigh, transfer and rinse.

### Density kit



Dedicated kit for determining the density of solid and liquid substances with the built-in application.

### U-electrode



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

**METTLER TOLEDO Group**  
Laboratory Weighing

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