

## For Your Essential Needs Worry-free Weighing



### 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.



### 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.



### 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.



### 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 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-TE 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.

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

# ME-TE Analytical Balances 0.1 mg

Technical Specifications	ME54TE	ME104TE	ME204TE
<b>Limit values</b>			
Maximum capacity	52 g	120 g	220 g
Readability	0.1 mg	0.1 mg	0.1 mg
Repeatability (at nominal load)	0.1 mg	0.1 mg	0.1 mg
Linearity deviation (test load)	0.2 mg (10g)	0.2 mg (20g)	0.2 mg (50g)
<b>Typical values</b>			
Repeatability, typical (sd)	0.08 mg	0.08 mg	0.08 mg
Linearity, typical	0.06 mg	0.06 mg	0.06 mg
Eccentricity deviation (test load) <sup>1</sup>	0.1 mg (20 g)	0.1 mg (50 g)	0.12 mg (100 g)
Sensitivity offset (test weight)	0.1 mg (50 g)	0.2 mg (100 g)	0.24 mg (200 g)
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
Settling time	2 s	2 s	2 s
<b>Dimensions</b>			
Weighing pan (Ø)	90 mm	90 mm	90 mm

1) according to OIML R76



## Features

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

## Accessories

### P-5x thermal printers



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

### Bluetooth adapters



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.

For further information on accessories, please visit [www.mt.com/lab-accessories](http://www.mt.com/lab-accessories)

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For more information

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