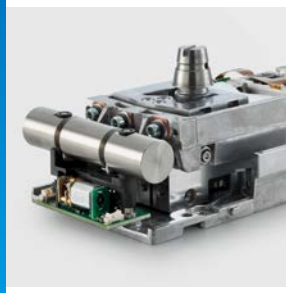
Standard Level

ME Precision Balances

Everyday Essentials



High Quality Weighing Cell

With METTLER TOLEDO's EMFC weighing cell, you can be sure of accurate and reliable performance. The high stability provides fast results so you can get your tasks done quickly and with confidence.

Convenient Levelling

Levelling your balance is easy thanks to the large adjusting feet. The level indicator is at the front so it is easy to check the level and ensure your balance is working accurately.

Made for Intense Use

With a metal base, stainless steel weighing pan and overload protection, these balances can withstand intense use in tough environments. Smooth surfaces and rounded edges make them easy to clean and maintain.

Built-In Adjustment

Maintain accuracy without external calibration weights. Internal test weights make it simple for you to test and adjust your balance at any time with just the touch of a button.

All the Basic Functions You Need

For Everyday Weighing

ME precision balances offer you all the essential functionalities you need to carry out your daily weighing tasks accurately and efficiently. One-touch balance adjustment and robust construction mean you can be sure of consistently reliable results, day after day.

High quality components, practical features and an affordable price tag make ME precision balances an essential in every laboratory.

METTLER TOLEDO

ME Precision Balances — Model Overview

Technical Specifications	ME103	ME203	ME303	ME403	ME802	ME1002	ME2002	ME3002	ME4002	ME4001
Limit Values										
Capacity	120 g	220 g	320 g	420 g	820 g	1,200 g	2,200 g	3,200 g	4,200 g	4,200 g
Readability	1 mg	1 mg	1 mg	1 mg	10 mg	10 mg	10 mg	10 mg	10 mg	100 mg
Repeatability	1 mg	1 mg	1 mg	1 mg	10 mg	10 mg	10 mg	10 mg	10 mg	100 mg
Linearity deviation	2 mg	2 mg	2 mg	2 mg	20 mg	20 mg	20 mg	20 mg	20 mg	200 mg
Typical Values										
Repeatability	0.7 mg	0.7 mg	0.7 mg	0.7 mg	7 mg	7 mg	7 mg	7 mg	7 mg	70 mg
Linearity deviation	0.6 mg	0.6 mg	0.6 mg	0.6 mg	6 mg	6 mg	6 mg	6 mg	6 mg	60 mg
Sensitivity offset (at nominal load)[1]	6 mg	6 mg	6 mg	6 mg	70 mg	70 mg	70 mg	70 mg	70 mg	120 mg
Minimum weight (USP, tolerance = 0,10%)[2]	1.4 g	1.4 g	1.4 g	1.4 g	14 g	14 g	14 g	14 g	14 g	140 g
Minimum weight (tolerance = 1%)[2]	140 mg	140 mg	140 mg	140 mg	1.4 g	1.4 g	1.4 g	1.4 g	1.4 g	14 g
Settling time	1.5 s	1.5 s	1.5 s	1.5 s	1 s	1 s	1 s	1 s	1 s	1 s
Dimensions										
Weighing Pan (mm)	∅ 120	∅ 120	∅ 120	∅ 120	180 × 180	180 × 180	180 × 180	180 × 180	180 × 180	180 × 180
Balance Size, W × D × H (mm)	210 × 319 × 289	210 × 319 × 289	210 × 319 × 289	210 × 319 × 289	200 × 319 × 100	200 × 319 × 100	200 × 319 × 100	200 × 319 × 100	200 × 319 × 100	200 × 319 × 100

All models are available as Legal for Trade versions. Models without internal test weights are also available (ExCal).

[1] after adjustment with internal weight [2] determined at 5% load, k = 2

Features

Accurate Results	Electromagnetic Force Compensation (EMFC) weighing cell
	Internal adjustment
	OIML/NTEP approved
Efficient Operation	Bright and clear LCD display
	Menu protection
	Date and time
	Secondary display option
	Front level indicator
	16 weighing units
	Hook for weighing below the balance
	10 built-in applications
Quality	Metal base
	Stainless steel platform and pan
	Overload protection
	Small footprint
Connectivity	RS232 interface
	Bluetooth option
	Built-in PC direct function for easy data transfer

Applications

Formulation, Totaling, Dynamic Weighing, Piece Counting, Density Determination, Percent Weighing, Check Weighing, Statistics, Multiplication Factor, Division Factor

Accessories

RS-P25 Printer
Ensure accurate documentation.

Density Kit
For quick and easy determination of solid samples.

Bluetooth Adapter
Wirelessly transfer data between the balance and a printer or PC.

CarePac Test Weights
Routine testing with just two weights ensures ongoing accuracy.

Protective Cover
Extra protection against dust and dirt.

METTLER TOLEDO Group
Laboratory Weighing
Local contact: www.mt.com/contacts

www.mt.com/me-precision
For more information

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Group MarCom RITM624386 MB