

## ME Analytical 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.



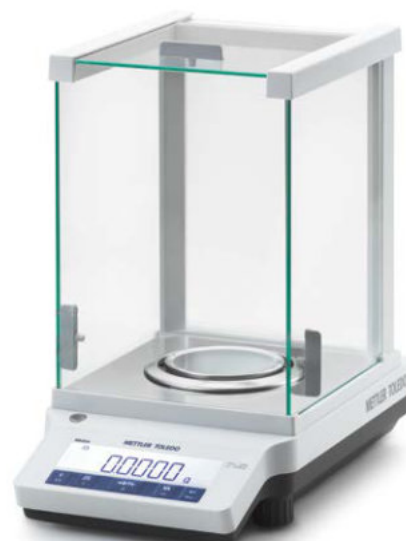
### Made for Intense Use

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 analytical 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 analytical balances an essential in every laboratory.

# ME Analytical Balances— Model Overview

Technical Specifications	ME54	ME104	ME204
<b>Limit Values</b>			
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
Linearity deviation	0.2 mg	0.2 mg	0.2 mg
<b>Typical Values</b>			
Repeatability	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) <sup>1)</sup>	0.5 mg	0.6 mg	0.8 mg
Minimum weight (USP, tolerance = 0,10%) <sup>2)</sup>	160 mg	160 mg	160 mg
Minimum weight (tolerance = 1%) <sup>2)</sup>	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

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

<sup>1)</sup> after adjustment with internal weight

<sup>2)</sup> determined at 5% load, k = 2

## Features

<b>Accurate Results</b>	Electromagnetic Force Compensation (EMFC) weighing cell
	Internal adjustment
	OIML/NTEP approved
<b>Efficient Operation</b>	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
<b>Quality</b>	10 built-in applications
	Metal base
	Stainless steel platform and pan
	Overload protection
<b>Connectivity</b>	Small footprint
	RS232 interface
	Bluetooth option
	Built-in PC direct function for easy data transfer



## Applications

Formulation, Totalling, 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.



**Polyscientific Enterprise Sdn Bhd**  
**百利企业有限公司** <sup>152064 D</sup>

**Melaka (HQ)**  
272, Taman Asean,  
Jalan Malim,  
75250 Melaka

T +606 3350690 F +606 3351631

**Shah Alam**  
14, Jalan Serendah 26/39,  
Kawasan Perindustrian HICOM,  
40400 Shah Alam, Selangor

T +603 51036920 F +603 51036980

**Penang**  
16, Jalan Sungai Tiram 7,  
11900 Bayan Lepas,  
Penang

T +604 6371500 F +604 6371600

**Johor**  
No. 365 Jalan Ekoperniagaan 11,  
Taman Ekoperniagaan 2,  
Senai Airport City, 81400 Senai,  
Johor

T +607 5955243 F +607 5955745

[info@polyscientific.com.my](mailto:info@polyscientific.com.my)

[www.poly.my](http://www.poly.my)