

Analytical Balances

A Top Quality series of Analytical Balances that combine elegance with highly reliable measuring performance. Double case structure, ergonomic keypad, external or internal calibration. Many embedded advanced features make them perfect for use in laboratory, research departments, formulation and quality control applications.

Features

- Electromagnetic force restoration weighing system
- External or automatic internal calibration
- LCD with backlight with adjustable contrast
- Large glass draught shield with 3 sliding doors for easy access to the items being weighed
- Plastic protection cover

Accessories

- Ioniser Ion-A15 (BL0371)
- BEL Tablet System for balances. USB version (BL0329) or BLUETOOTH version (BL0330).⁽¹⁾
- Bluetooth printer DPP-250-BT for BEL Tablet system (AC013)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Serial Printer STAT, with Statistics functions (AC022)
- Density KIT for solids and liquids (AC002)
- Alphanumeric external keyboard (AC005)
- Serial to USB converter (E1002)
- Serial cable for serial output to printer or PC (E743)
- Calibration certificate (BL0333)
- Conformity Declaration (Verification)

Technical data

Common features

- Span drift (+ 10...+ 30 °C): +/- 3ppm/°C
- Dimensions LxWxH (mm): 345x215x345
- Weighing chamber dimensions LxWxH (mm): 162x171x225
- Power supply 110-230Vac, 50/60Hz; output 24V 500mA 13VA

External calibration models

- Net Weight: 6,3Kg

Internal calibration models

- Net Weight: 6,6Kg

MARK M - Resolution 0,0001g



Optional Ioniser model ION-A15



Model	Capacity (g)	Resolution (g)	Pan (mm)	Repeatability (g)	Linearity (g)	Response time (sec.)	Verification (optional?) M
External calibration							
M124A	120	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	–
M164A	160	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	–
M214A	220	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	–
M254A	250	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	–
M314A	310	0,0001	Ø 80	0,0001	± 0,0004	≤ 4	–

Automatic internal calibration

M124Ai	120	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	M
M164Ai	160	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	M
M214Ai	220	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	M
M254Ai	250	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	M
M314Ai	310	0,0001	Ø 80	0,0001	± 0,0004	≤ 4	–

⁽¹⁾ Not available for verified models

⁽²⁾ To order Verification please add -M to name, e.g. M214Ai-M

⁽³⁾ If connected to optional STAT printer (AC022)