

A Top Quality series of Precision 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

Main features

- Electromagnetic force restoration weighing system
- User selectable environmental filter
- External or automatic internal calibration
- LCD with backlight with adjustable contrast
- Round glass draftshield
- Plastic protection cover
- RS232 serial interface
- Under hook weighing (only for external calibration models)

Accessories

- Portable ioniser Ion-A15 (BL0371)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Dot-matrix Printer TX-110, with functions (AC030)
- Density KIT for solids and liquids (AC002)
- PC data collection software (BL0476)
- Serial to USB converter (E1002)
- Serial cable for serial output to printer or PC (E743)
- Factory Factory Calibration certificate (BL0333)
- Conformity Declaration (Verification)

Technical data

Common features

- Span drift (+ 10...+ 30 °C): +/- 4ppm/°C
- Dimensions LxWxH (mm): 345x215x155
- Weighing chamber dimensions diameter-Height (mm): 150x70
- Power supply 110-230Vac, 50/60Hz; output 24V 1A multi plug

External calibration models

- Net Weight: 4,6Kg

Internal calibration models

- Net Weight: 4,9Kg

M - Readability 0,001g



Model	Max (g)	Readability [d] (g)	Pan (mm)	Repeatability (St.Dev.) (g)	Linearity (g)	Response time (sec.)
External calibration						
M523	520	0,001	Ø 110	0,001	± 0,002	≤ 2
M723	720	0,001	Ø 110	0,001	± 0,002	≤ 2
M1003	1000	0,001	Ø 110	0,001	± 0,003	≤ 3
M1203	1200	0,001	Ø 110	0,001	± 0,003	≤ 3

Automatic internal calibration						
M523i	520	0,001	Ø 110	0,001	± 0,002	≤ 2
M723i	720	0,001	Ø 110	0,001	± 0,002	≤ 2
M1003i	1000	0,001	Ø 110	0,001	± 0,003	≤ 3
M1203i	1200	0,001	Ø 110	0,001	± 0,003	≤ 3

Verified models:
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