

# B SERIES - Resolution 0,0001g



## Analytical Balances

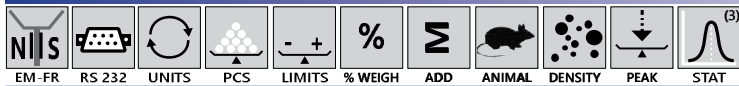
A Top Quality series of Analytical Balances that combine elegance with highly reliable measuring performance. Double case structure, ergonomic keypad, external or internal calibration. Many embedded advanced features make them perfect for use in laboratory, research departments, formulation and quality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



Optional Ioniser model ION-A15



## 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

## External Calibration

Model	Capacity (g)	Resolution (g)	Pan (mm)	Repeatability (g)	Linearity (g)	Response time (sec.)	Verification (optional)M
<b>B124A</b>	120	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	–
<b>B164A</b>	160	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	–
<b>B214A</b>	220	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	–
<b>B254A</b>	250	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	–

## Automatic Internal Calibration

Model	Capacity (g)	Resolution (g)	Pan (mm)	Repeatability (g)	Linearity (g)	Response time (sec.)	Verification (optional)M
<b>B124Ai</b>	120	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	<b>M</b>
<b>B164Ai</b>	160	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	<b>M</b>
<b>B214Ai</b>	220	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	<b>M</b>
<b>B254Ai</b>	250	0,0001	Ø 80	0,0001	± 0,0003	≤ 4	<b>M</b>
<b>B314Ai</b>	310	0,0001	Ø 80	0,0001	± 0,0004	≤ 4	–

## Accessories

- Ioniser Ion-A15 (CNS0371)
- OPTIKA Tablet System for balances. USB version (T0329) or BLUETOOTH version (T0330).<sup>(1)</sup>
- Bluetooth printer DPP-250-BT for OPTIKA Tablet system (CNS013)
- Serial Printer TLP-50, with date/time (CNS054)
- Serial Printer DPP-250 (CNS007)
- Serial Printer STAT, with Statistics functions (CNS022)
- Density KIT for solids and liquids (CNS002)
- Alphanumeric external keyboard (CNS005)
- Serial to USB converter (CNS1002)
- Serial cable for serial output to printer or PC (CNS743)
- Calibration certificate (CNS0333)
- Conformity Declaration (Verification)

<sup>(1)</sup> Not available for verified models

<sup>(2)</sup> To order Verification please add -M to name, e.g. B214Ai-M

<sup>(3)</sup> If connected to optional STAT printer (CNS022)