



BG models are equipped with a large graphic display for easy reading and user friendly operations with many functions. BG balances have an extensive recipe database, GLP and many embedded advanced features make them perfect for use in laboratory, research departments, compounds formulation and quality control applications.

I Model



I-models equipped with integrated Ioniser on the back of the balance. The ioniser has two way of operating: 2 minutes or continuously for max 8 hours.

External Calibration

Model	Capacity (g)	Resolution (mg)	Pan (mm)	Repeatability (g)	Linearity (g)	Response time (sec.)	Verification (optional ⁽¹⁾)M
BG124A	120	0,1	Ø 80	0,0001	± 0,0003	≤ 4	–
BG164A	160	0,1	Ø 80	0,0001	± 0,0003	≤ 4	–
BG214A	220	0,1	Ø 80	0,0001	± 0,0003	≤ 4	–
BG254A	250	0,1	Ø 80	0,0001	± 0,0003	≤ 4	–

Automatic Internal Calibration

Model	Capacity (g)	Resolution (mg)	Pan (mm)	Repeatability (g)	Linearity (g)	Response time (sec.)	Verification (optional ⁽¹⁾)M
BG124Ai	120	0,1	Ø 80	0,0001	± 0,0003	≤ 4	M
BG164Ai	160	0,1	Ø 80	0,0001	± 0,0003	≤ 4	M
BG214Ai	220	0,1	Ø 80	0,0001	± 0,0003	≤ 4	M
I-BG214Ai	220	0,1	Ø 80	0,0001	± 0,0003	≤ 4	–
BG254Ai	250	0,1	Ø 80	0,0001	± 0,0003	≤ 4	M
I-BG254Ai	250	0,1	Ø 80	0,0001	± 0,0003	≤ 4	–
BG314Ai	310	0,1	Ø 80	0,0001	± 0,0004	≤ 4	–
I-BG314Ai	310	0,1	Ø 80	0,0001	± 0,0004	≤ 4	–

Accessories

- Ioniser Ion-A15 (CNS0371)
- Serial Printer TLP-50, with date/time (CNS054)
- Serial Printer DPP-250 (CNS007)
- 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⁽¹⁾)

⁽¹⁾To order Verification please add -M to name, e.g. B214Ai-M

Features

- Electromagnetic force restoration weighing system
- External or automatic internal calibration
- Recipe database: 99 recipes can be stored, each with up to 20 ingredients
- Large Graphic display allows efficient and easy operations
- Multilanguage: EN-DE-FR-IT-ES-PT
- GLP/ISO record keeping of weight values with date, time and serial number
- Large glass draught shield with 3 sliding doors for easy access to the items being weighed
- Plastic protection cover

Ioniser Technical data

- Operation modes: 2 minutes or continuously for max 8 hours
- Ozone concentration: 0-0.05 ppm (2cm from ion source)
- Distance sample-ion source: about 5-40 cm
- Discharge time: 9s/5cm, 13s/10cm
- Ambient conditions: 0-50°C, 20-80% air humidity (non-condensing)
- Ioniser Power supply: IN AC 100-240V 50/60Hz, OUT DC 12V, 500mA

External calibration models

Net Weight: 6,3Kg

Internal calibration models

Net Weight: 6,6Kg

I-models net weight: 7,0Kg