HPBG - Resolution 0,01mg-0,1mg

Bel Engineering introduces the new series of semiMicro HPB balances with a resolution of 0.01 mg. Equipped with the new highly integrated electromagnetic cell, with automatic internal calibration on all models, they are characterized by a high level of precision and repeatability.
All models are equipped with a large graphic display for easy reading and user friendly operations with many functions. HPBG balances have an extensive recipe database, GLP and many embedded advanced features that make them perfect for use in laboratory, research departments, compounds formulation and quality control applications. The -ION models are equipped with an integrated ioniser on the back of the balance with the purpose to neutralize static electricity on charged samples like plastic parts, containers or films for acquiring the most accurate results. As in the tradition of BEL products, new semiMicro HPB balances deliver an excellent performance / price ratio, thanks to the continuous research and study of Bel Engineering in the high resolution and precision weighing field

Features

- Electromagnetic force restoration wei ghing system
- Highly integrated weighing cell
- Automatic internal calibration
- Efficient filtering to deliver quick and accurate results
- 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 for keypad

Accessories

- Portable ioniser Ion-A15 (BL0371)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- 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)
- Factory Calibration certificate (BL0333)

Model	Capacity (g)	Resolution (mg)	Pan (mm)	Repeatibility (mg)	Linearity (mg)	Response time (sec.)
Automatic internal calibration						
HPBG-425i	42	0,01	Ø 80	0,05	± 0,05	≤ 6
HPBG-625i	62	0,01	Ø 80	0,05	± 0,08	≤ 6
HPBG-105i	102	0,01	Ø 80	0,05	± 0,08	≤ 6
HPBG-1245Di	42/120	0,01/0,1	Ø 80	0,02 / 0,1	± 0,05 / ± 0,2	≤ 6
HPBG-1265Di	62/120	0,01/0,1	Ø 80	0,03 / 0,1	± 0,08 / ± 0,2	≤ 6
HPBG-2245Di	42/220	0,01/0,1	Ø 80	0,02 / 0,1	± 0,1 / ± 0,2	≤ 6
HPBG-2265Di	62/220	0,01/0,1	Ø 80	0,03 / 0,1	± 0,1/ ± 0,2	≤ 6
HPBG-2285Di	82/220	0,01/0,1	Ø 80	0,05 / 0,1	± 0,1 / ± 0,2	≤ 6
HPBG-22105Di	102/220	0,01/0,1	Ø 80	0,05 / 0,1	± 0,1 / ± 0,2	≤ 6
HPBG 414Ai	410	0,1	Ø 80	0,1mg if weight ≤ 220g 0,3mg from 220g to 310g 0,35mg from 310g to 410g	± 0,0005	≤ 4
HPBG 514Ai	510	0,1	Ø 80	0,1mg if weight ≤ 220g 0,3mg from 220g to 310g 0,35mg from 310g to 510g	± 0,0005	≤ 4
HPBG 614Ai	610	0,1	Ø 80	0,1mg if weight ≤ 220g 0,3mg from 220g to 310g 0,35mg from 310g to 610g	± 0,0005	≤ 4

NEW

GRAPHIC
GLP
ION

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

Balance technical data

Common features

- Span drift (+ 10...+ 30 °C): +/– 2ppm/°C
- Dimensions LxWxH (mm): 345x215x345
- Weighing chamber dimensions LxWxH (mm): 162x171x225
- Dimensions of external electronics box LxWxH: 175x105x50 (mm), weight 500g
- Power supply 110-230Vac, 50/60Hz; output 24V 500mA 13VA
- Net Weight: 7Kg
- Net Weight -ION models: 7,4 Kg

Ioniser technical data

- Operation modes: 2 minutes or continuosily 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

EM-FR PCS LIMITS %WEIGH ADD ANIMAL DENSITY PEAK RS 232 UNITS CLOCK LANG RECIPE

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