

M5 precision balances are the most innovative and advanced series made by BEL Engineering. Equipped with large 5" color touch screen display, it gives an user-friendly access to all the balance's advanced applications and internal databases. The user has easy and intuitive access to all the functions thanks to the icon-driven menus. This means more efficiency, productivity and interactivity. A double case structure protects the heart of the balance: an aluminum inner case and a composite plastic external case. With resolution from 0,001g to 0,1g this serie offers a wide choice of models for many application with the simplicity of a touch screen interface. The many on-board functions already included, up to 6 operating languages, the large 5" inch display and the RS232 serial output close the circle of a complete product, reliable and truly convenient.



Features

- Electromagnetic force restoration weighing system
- Highly integrated weighing cell
- Automatic internal calibration
- 5" Touch-screen Display 800x480
- RS232 serial interface
- Selectable Measuring units
- Internal Database
- GLP
- Multi Languages (EN-DE-FR-IT-SP-PT)
- Multi-user with password protection
- USB port for import/export database data
- Advanced piececounting function with Statistics report
- Textile function to measure fibers with Statistics report
- Advanced Density function, with density index (DI) calculation
- Formulation (Recipe)
- Checkweighing
- Percentual weighing
- Weights adding
- Animal weighing
- Max load determination (Peak hold)
- Hook for below weighing
- Large glass draught shield with 3 sliding doors for easy access to the items being weighed



Model	Capacity (g)	Resolution (g)	Pan (mm)	Repeatability (g)	Linearity (g)	Response time (sec.)
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Automatic internal calibration

M5-L303i	310	0,001	Ø 110	0,0006	± 0,003	≤ 3
M5-L423i	420	0,001	Ø 110	0,0006	± 0,003	≤ 3
M5-M523i	520	0,001	Ø 110	0,001	± 0,002	≤ 2
M5-M723i	720	0,001	Ø 110	0,001	± 0,002	≤ 2
M5-M1003i	1000	0,001	Ø 110	0,001	± 0,003	≤ 3
M5-L3102i	3100	0,01	Ø 160	0,01	± 0,03	≤ 3
M5-L4202i	4200	0,01	Ø 160	0,01	± 0,04	≤ 4
M5-M5202i	5200	0,01	Ø 160	0,01	± 0,03	≤ 3
M5-M6202i	6200	0,01	Ø 160	0,01	± 0,03	≤ 3

External calibration

M5-L10001	10000	0,1	175x195	0,05	± 0,2	≤ 2
M5-L20001	20000	0,1	175x195	0,1	± 0,4	≤ 4

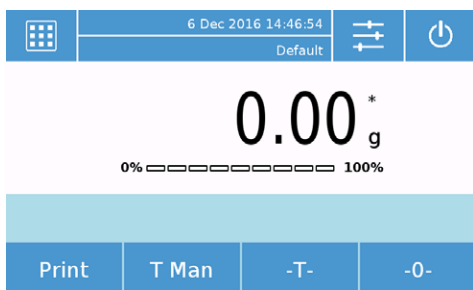


Accessories

- 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-AC004)
- Serial to USB converter (E1002)
- Serial cable for serial output to printer or PC (E743)
- USB pendrive 8 Gigabyte
- Stylus pen for touchscreen
- Factory Calibration certificate (BL0333)

Technical data

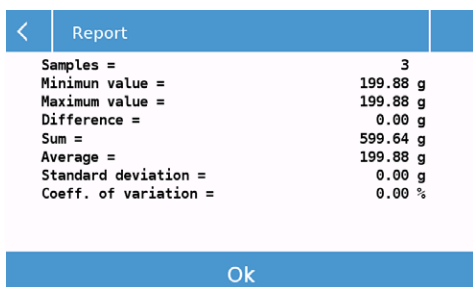
- Span drift (+ 10...+ 30 °C): +/- 2ppm/°C
- Dimensions LxWxH (mm): 345x215x345
- Weighing chamber diameter-Height (mm) 0,001g res. models: 150x70
- Power supply M models 110-230Vac, 50/60Hz; output 24V 500mA 13VA
- Power supply L models 110-230Vac, 50/60Hz; output 9V 1,2A 10VA
- Net Weight: 6,7 Kg



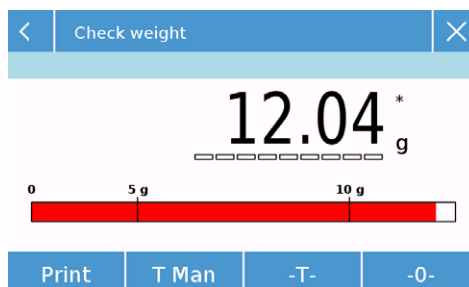
Main page with easy access to the menus



Qwerty touch keypad for easy input



Easy reading reports



Live color indication for check weighing