



MARK MG 0.0001g

A top quality series that combines elegance with highly reliable measuring performance.

The MG series is a multi-function balance provided with user-friendly interactive features.

This enables performance of operations such as GLP procedures, determination of liquid and solid density, dynamic weighing of laboratory animals, formulation of powders and liquids, piece-counting operations etc.

The M series is equipped with a semi-block electromagnetic sensor and state of art microcomputer; LCD graphic backlight display and built-in advanced software, as well as a choice of 6 languages that facilitates use of the balance.

The exclusive and pleasant Italian design of BEL's instruments combines innovation and high quality technology, powered by the latest generation of microcomputers.



MARK MG 0.001g

Accessories

- Calibration weight
- Density kit
- Serial Printer TLP-50 with date/time
- External Alphanumeric keypad
- PC connection cable

Features

- Graphic Display with backlight with adjustable contrast
- Round glass windshield (MG models)
- Windshield w/ sliding upper and side glass (MGW models)
- RS232 serial interface
- Selectable Measuring units
- Piececounting
- Checkweighing
- Percentual weighing
- GLP
- Date/time
- Multi Languages: English, German, French, Italian, Spanish, Portuguese.
- Formulation
- Animal weighing
- Density determination (solid and liquid)
- Max load determination (Peak hold)
- Plastic protection cover



MARK MGW 0.001g

Inputs - outputs

- Serial interface RS232
- Power supply 110-230V AC 50-60Hz 13.2VA
- Hook for under balance weighing



MARK MG 0.01g

MODEL	RANGE (g)	RESOLUTION (g)	REPEATABILITY (g)	LINEARITY (g)	PAN SIZE (mm)	RESP. TIME
MG124A	120	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
MG164A	160	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
MG214A	210	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
MG254A	250	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
MG310A	310	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s

- External calibration
- Sensitivity drift (+10...-30 °C): ± 3 ppm/°C
- Dimensão e peso da balança: 215 x 340 x 330h mm/5.7 Kg

MG124Ai	120	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
MG164Ai	160	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
MG214Ai	210	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
MG254Ai	250	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
MG310Ai	310	0.0001	0.0001	± 0.0004	ø 80	≤ 3 s

- Automatic internal calibration
- Dimension and weight of balance: 215 x 340 x 330h mm/6 Kg

MGW223	220	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MGW333	330	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MGW503	500	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MGW723	720	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MGW1003	1000	0.001	0.0005	± 0.003	ø 110	≤ 2 s
MGW1203	1200	0.001	0.0005	± 0.003	ø 110	≤ 2 s

- External calibration
- Sensitivity drift (+10...-30 °C): ± 4 ppm/°C
- Dimensão e peso da balança: 215 x 340 x 330h mm/6 Kg

MGW223i	220	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MGW333i	330	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MGW503i	500	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MGW723i	720	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MGW1003i	1000	0.001	0.0005	± 0.003	ø 110	≤ 2 s
MGW1203i	1200	0.001	0.0005	± 0.003	ø 110	≤ 2 s

- Automatic internal calibration
- Dimension and weight of balance: 215 x 340 x 330h mm/6.2 Kg

MG223	220	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MG333	330	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MG503	500	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MG723	720	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MG1003	1000	0.001	0.0005	± 0.003	ø 110	≤ 2 s
MG1203	1200	0.001	0.0005	± 0.003	ø 110	≤ 2 s

- External calibration
- Sensitivity drift (+10...-30 °C): ± 4 ppm/°C
- Dimensão e peso da balança: 215 x 340 x 165h mm/4.5 Kg

MG223i	220	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MG333i	330	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MG503i	500	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MG723i	720	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MG1003i	1000	0.001	0.0005	± 0.003	ø 110	≤ 2 s
MG1203i	1200	0.001	0.0005	± 0.003	ø 110	≤ 2 s

- Automatic internal calibration
- Dimension and weight of balance: 215 x 340 x 165h mm/4.7 Kg

MODEL	RANGE (g)	RESOLUTION (g)	REPEATABILITY (g)	LINEARITY (g)	PAN SIZE (mm)	RESP. TIME
MG2202	2200	0.01	0.005	± 0.02	ø 180	≤ 2 s
MG3102	3100	0.01	0.005	± 0.02	ø 180	≤ 2 s
MG4102	4100	0.01	0.005	± 0.03	ø 180	≤ 2 s
MG5202	5200	0.01	0.005	± 0.03	ø 180	≤ 2 s
MG6202	6200	0.01	0.005	± 0.03	ø 180	≤ 2 s

- External calibration
- Sensitivity drift (+10...-30 °C): ± 4 ppm/°C
- Dimension and weight of balance: 215x 340 x 95h mm/4.5 Kg

MG2202i	2200	0.01	0.003	± 0.02	ø 180	≤ 2 s
MG3102i	3100	0.01	0.003	± 0.02	ø 180	≤ 2 s
MG4120i	4100	0.01	0.003	± 0.03	ø 180	≤ 2 s
MG5202i	5200	0.01	0.003	± 0.03	ø 180	≤ 2 s
MG6202i	6200	0.01	0.003	± 0.03	ø 180	≤ 2 s

- Automatic internal calibration
- Dimension and weight of balance: 215 x 340 x 95h mm/4.7 Kg

MG603D	200/600	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s
MG1003D	500/1000	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s
MG1203D	720/1200	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s

- External calibration
- Sensitivity drift (+10...-30 °C): ± 4 ppm/°C
- Dimension and weight of balance: 215x 340 x 165h mm/4.5 Kg

MG603Di	200/600	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s
MG1003Di	500/1000	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s
MG1203Di	720/1200	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s

- Automatic internal calibration
- Dimension and weight of balance: 215 x 340 x 165h mm/4.7 Kg

Bel Engineering designs each part of its electronic balances in Italy. The constant research undertaken enables the Company to be extremely innovative.

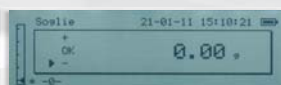
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MODEL	RANGE (g)	RESOLUTION (g)	REPEATABILITY (g)	LINEARITY (g)	PAN SIZE (mm)	RESP. TIME
MG5502D	800/5500	0.01/0.1	0.005/0.03	± 0.01/± 0.1	ø 160	≤ 2 s
MG5202D	3000/5200	0.01/0.1	0.005/0.05	± 0.02/± 0.1	ø 160	≤ 2 s
MG6202D	4000/6200	0.01/0.1	0.005/0.05	± 0.02/± 0.1	ø 160	≤ 2 s

- External calibration
- Available also with 195 x 175 mm pan size
- Sensitivity drift [± 10 , ± 30 °C] $\pm$ 4 ppm/°C
- Dimension and weight of balance: 215 x 340 x 95 mm/4.5 Kg

MG5502Di	800/5500	0.01/0.1	0.005/0.03	± 0.01/± 0.1	ø 160	≤ 2 s
MG5202Di	3000/5200	0.01/0.1	0.005/0.05	± 0.02/± 0.1	ø 160	≤ 2 s
MG6202Di	4000/6200	0.01/0.1	0.005/0.05	± 0.02/± 0.1	ø 160	≤ 2 s

- Automatic internal calibration
- Available also with 195 x 175 mm pan size
- Dimension and weight of balance: 215 x 340 x 95 mm/4.7 Kg

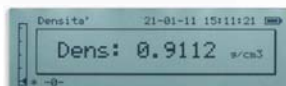


Display D1

- Check weight

Display D2

- Liquid and solid density determination



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MARK MG SERIES



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