



MARK MW 0.001g

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

The M series in the "i" version are equipped with automatic internal calibration system that means that the balance is always calibrated and practically insensitive to environmental temperature fluctuations.

The exclusive and pleasant Italian design of BEL instruments merges innovation and high technology, powered by the latest generation of microprocessors.

**Features**

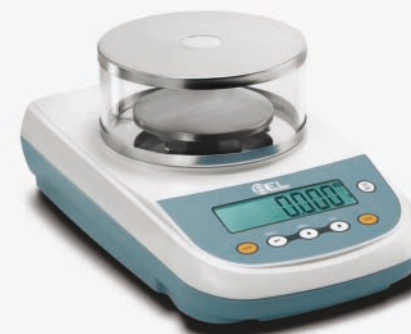
- LCD display with backlight with adjustable contrast
- Serial interface RS232
- Selectable filter level
- Selectable measure units: penn., onctre, grain, tael hon, tael sgp, tael roc, momme.
- Piececounting function
- Percentage weighing function
- Threshold function
- Animal weighing
- Weights adding
- Density determination (solid and liquid)
- Max load determination (Peak hold)
- Input tare by user
- Hook for under balance weighing (except for 0.0001g models)
- Windshield w/ sliding upper and side glass (round windshield for milligram models)
- Plastic protection cover
- Power supply 110-230Vac 50/60Hz; out 24V 500mA 13VA



MARK M 0.0001g

**Software on demand**

- Paper grammage



MARK M 0.001g

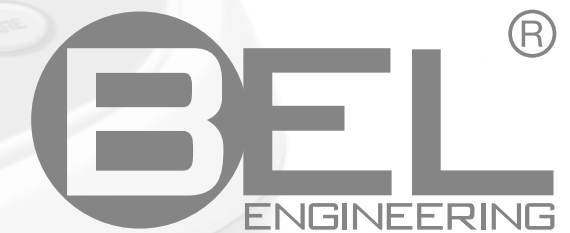
**Accessories**

- Calibration weight
- Density kit (not for square plate)
- Serial Printer TLP-50 with date/time
- External Alphanumeric keypad
- PC connection cable

MODEL	RANGE (g)	RESOLUTION (g)	REPEATABILITY (g)	LINEARITY (g)	PAN SIZE (mm)	RESP. TIME
M124A	120	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
M164A	160	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
M214A	210	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
M254A	250	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
M314A	310	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
<ul style="list-style-type: none"> <li>• External calibration</li> <li>• Sensitivity drift (+10...+30 °C): 3ppm/°C</li> <li>• Dimension and weight of balance: 345x215x345h (mm)/5.9 Kg</li> <li>• Weighing chamber: 160x140x330h (mm)</li> </ul>						
M124Ai	120	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
M164Ai	160	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
M214Ai	210	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
M254Ai	250	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
M314Ai	310	0.0001	0.0001	± 0.0003	ø 80	≤ 3 s
<ul style="list-style-type: none"> <li>• Automatic internal calibration</li> <li>• Sensitivity drift (+10...+30 °C): 3ppm/°C</li> <li>• Dimension and weight of balance: 345x215x345h (mm)/6.2 Kg</li> <li>• Weighing chamber: 160x140x330h (mm)</li> </ul>						
MW223	220	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MW333	330	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MW503	500	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MW723	720	0.001	0.0005	± 0.002	ø 110	≤ 2 s
MW1003	1000	0.001	0.0005	± 0.003	ø 110	≤ 2 s
MW1203	1200	0.001	0.0005	± 0.003	ø 110	≤ 2 s
<ul style="list-style-type: none"> <li>• External calibration</li> <li>• Sensitivity drift (+10...+30 °C): 4ppm/°C</li> <li>• Dimension and weight of balance: 345 x 340 x 345h mm/5.9 Kg</li> <li>• Weighing chamber: 160x140x330h (mm)</li> </ul>						
M223i	220	0.001	0.0005	± 0.002	ø 110	≤ 2 s
M333i	330	0.001	0.0005	± 0.002	ø 110	≤ 2 s
M503i	500	0.001	0.0005	± 0.002	ø 110	≤ 2 s
M723i	720	0.001	0.0005	± 0.002	ø 110	≤ 2 s
M1003i	1000	0.001	0.0005	± 0.003	ø 110	≤ 2 s
M1203i	1200	0.001	0.0005	± 0.003	ø 110	≤ 2 s
<ul style="list-style-type: none"> <li>• Automatic internal calibration</li> <li>• Sensitivity drift (+10...+30 °C): 4ppm/°C</li> <li>• Provided with round draft shield</li> <li>• Dimension and weight of balance: 215 x 340 x 330h mm/6.2 Kg</li> </ul>						
M223	220	0.001	0.0005	± 0.002	ø 110	≤ 2 s
M333	330	0.001	0.0005	± 0.002	ø 110	≤ 2 s
M503	500	0.001	0.0005	± 0.002	ø 110	≤ 2 s
M723	720	0.001	0.0005	± 0.002	ø 110	≤ 2 s
M1003	1000	0.001	0.0005	± 0.003	ø 110	≤ 2 s
M1203	1200	0.001	0.0005	± 0.003	ø 110	≤ 2 s
<ul style="list-style-type: none"> <li>• External calibration</li> <li>• Provided with round draft shield</li> <li>• Sensitivity drift (+10...+30 °C): 4ppm/°C</li> <li>• Dimension and weight of balance: 215 x 325 x 165h mm/4.5 Kg</li> </ul>						

MODEL	RANGE (g)	RESOLUTION (g)	REPEATABILITY (g)	LINEARITY (g)	PAN SIZE (mm)	RESP. TIME
M2202	2200	0.01	0.005	± 0.02	ø 160	≤ 2 s
M3102	3100	0.01	0.005	± 0.02	ø 160	≤ 2 s
M4102	4100	0.01	0.005	± 0.03	ø 160	≤ 2 s
M5202	5200	0.01	0.005	± 0.03	ø 160	≤ 2 s
M6202	6200	0.01	0.005	± 0.03	ø 160	≤ 2 s
<ul style="list-style-type: none"> <li>• External calibration</li> <li>• Sensitivity drift (+10...+30 °C): 4ppm/°C</li> <li>• Dimension and weight of balance: 215 x 325 x 95h mm/4.5 Kg</li> </ul>						
M2202i	2200	0.01	0.003	± 0.02	ø 160	≤ 2 s
M3102i	3100	0.01	0.003	± 0.02	ø 160	≤ 2 s
M4102i	4100	0.01	0.003	± 0.03	ø 160	≤ 2 s
M5202i	5200	0.01	0.003	± 0.03	ø 160	≤ 2 s
M6202i	6200	0.01	0.003	± 0.03	ø 160	≤ 2 s
<ul style="list-style-type: none"> <li>• Automatic internal calibration</li> <li>• Sensitivity drift (+10...+30 °C): 3ppm/°C</li> <li>• Dimension and weight of balance: 215 x 325 x 95h mm/4.7 Kg</li> </ul>						
M603D	200/600	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s
M1003D	500/1000	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s
M1203D	720/1200	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s
<ul style="list-style-type: none"> <li>• External calibration</li> <li>• Sensitivity drift (+10...+30 °C): 3ppm/°C</li> <li>• Dimension and weight of balance: 215 x 325 x 165h mm/4.5 Kg</li> </ul>						
M603Di	200/600	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s
M1003Di	500/1000	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s
M1203Di	720/1200	0.001/0.01	0.0005/0.003	± 0.001/±0.01	ø 110	≤ 2 s
<ul style="list-style-type: none"> <li>• Automatic internal calibration</li> <li>• Sensitivity drift (+10...+30 °C): 3ppm/°C</li> <li>• Dimension and weight of balance: 215 x 325 x 165h mm/4.7 Kg</li> </ul>						

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



MODEL	RANGE (g)	RESOLUTION (g)	REPEATABILITY (g)	LINEARITY (g)	PAN SIZE (mm)	RESP. TIME
M5502D	800/5500	0.01/0.1	0.005/0.03	± 0.01/±0.1	ø 160	≤ 2 s
M5202D	3000/5200	0.01/0.1	0.005/0.03	± 0.01/±0.1	ø 160	≤ 2 s
M6202D	4000/6200	0.01/0.1	0.005/0.03	± 0.01/±0.1	ø 160	≤ 2 s

- External calibration
- Sensitivity drift (+10...+30 °C): 3ppm/°C
- Dimension and weight of balance: 215 x 325 x 95h mm/4.5 Kg

M5502Di	800/5500	0.01/0.1	0.005/0.03	± 0.01/±0.1	ø 160	≤ 2 s
M5202Di	3000/5200	0.01/0.1	0.005/0.03	± 0.01/±0.1	ø 160	≤ 2 s
M6202Di	4000/6200	0.01/0.1	0.005/0.03	± 0.01/±0.1	ø 160	≤ 2 s

- Automatic internal calibration
- Sensitivity drift (+10...+30 °C): 3ppm/°C
- Dimension and weight of balance: 215 x 325 x 95h mm/4.7 Kg



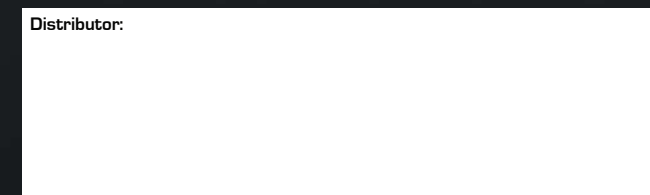
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ENGINEERING

MARK M  
SERIES



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