

Analytical Balance MARK and ULTRAMARK Series



A top quality series that combines elegance with highly reliable measuring performance. The analytical balances in the "Ultramark" version are equipped with an automatic internal calibration system whereby the balance's main parameters are controlled by specific software that automatically re-calibrates the balance at set intervals. Working with an "Ultramark" analytical balance means working with a balance that is always calibrated and practically insensitive to environmental temperature fluctuations.

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Technical Characteristics

Model MARK	120 A	150 A	205 A	UM 150	UM 205	UM 120 A
Weighing capacity (g)	120	150	205	150	205	120
Readability (g)	0,0001	0,0001	0,0001	0,0001	0,0001	0,0001
Tare range (g)	120	150	205	150	205	120
Reproducibility (g) (standard deviation)	0,0001	0,0001	0,0001	0,0001	0,0001	0,0001
Linearity (g)	± 0,0003	± 0,0003	± 0,0003	± 0,0003	± 0,0003	± 0,0003
Response time (average)	≤ 4 sec.	≤ 4 sec	≤ 4 sec	≤ 4 sec	≤ 4 sec	≤ 4 sec
Adaption to enviroment conditions	3 filter select.	3 filter select.	3 filter select.	3 filter select.	3 filter select.	3 filter select.
Operating temperature range	+10..... +30°C	+10..... +30°C	+10..... +30°C	+10..... +30°C	+10..... +30°C	+10..... +30°C
Sensitivity drift +10..+30°C	± 3 ppm/°C	± 3 ppm/°C	± 3 ppm/°C	± 3 ppm/°C	± 3 ppm/°C	± 3 ppm/°C
Autozero	ON-OFF from Menu	ON-OFF from Menu	ON-OFF from Menu	ON-OFF from Menu	ON-OFF from Menu	ON-OFF from Menu
Pan size (mm)	80	80	80	80	80	80
Housing dimensions (WxDxH) (mm)	205 x 325 x 315	205 x 325 x 315	205 x 325 x 315	205 x 325 x 315	205 x 325 x 315	205 x 325 x 165
Net weight (Kg)	7,4	7,4	7,4	8	8,5	8
Line voltage Freq. 50-60 Hz	230 or 115 Vac ± 15%	230 or 115 Vac ± 15%	230 or 115 Vac ± 15%	230 or 115 Vac ± 15%	230 or 115 Vac ± 15%	230 or 115 Vac ± 15%
Calibration weight	g 100 (E2)	g 100 (E2)	g 100 (E2)	automatic with internal weight	automatic with internal weight	automatic with internal weight
Power consumption (average)	VA 14	VA 14	VA 14	VA 14	VA 14	VA 14
Interface (optional)	RS232C	RS232C	RS232C	RS232C	RS232C	RS232C