

Top Loading MARK Series 0,001 g Resolution



A vast number of models with capacities ranging from 160g to a maximum of 8kg. The exclusive and pleasant "Italian design" encompasses innovation and high technology. The "Uniblock" electromagnetic compensation weighing cell manufactured from a single aeronautical aluminium block (i.e.: without any inter-connecting screws between parts), ensures maximum efficiency and precision through time. Like the analytical balances, the "Ultramark" models in this series are also equipped with an automatic internal calibration system controlled by specific software for optimization and control of weighing parameters such as zero and the calibration value, in relation to environmental temperature fluctuations.

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Technical characteristics

Model MARK	160	220	330	500	2040	2060	UM 500	UM 1005
Weighing capacity (g)	160	220	330	500	200/400	200/600	500	1000
Readability (g)	0,001	0,001	0,001	0,001	0,001/0,01	0,001/0,01	0,001	0,001
Tare range (g)	160	220	330	500	200/400	200/600	500	1000
Reproducibility (g) (standard deviation)	0,0005	0,0005	0,0005	0,0005	0,0005/ 0,003	0,0005/ 0,003	0,0005	0,0005
Linearity (g)	± 0,001	± 0,001	± 0,002	± 0,002	± 0,001/ ± 0,01	± 0,001/ ± 0,01	± 0,003	± 0,003
Response time (average)	≤ 2 sec.	≤ 2 sec	≤ 2 sec	≤ 2 sec	≤ 2 sec	≤ 2 sec	≤ 2 sec	≤ 2 sec
Adaption to enviroment conditions	3 filter select.	3 filter select.	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	+10..... +30°C	+10..... +30°C
Sensitivity drift +10..+30°C	± 4 ppm/°C	± 4 ppm/°C	± 4 ppm/°C	± 4 ppm/°C	± 4 ppm/°C	± 4 ppm/°C	± 4 ppm/°C	± 4 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	ON-OFF from Menu	ON-OFF from Menu
Pan size (mm)	110	110	110	110	110	110	110	110
Housing dimensions (WxDxH) (mm)	205x325x165	205x325x165	205x325x165	205x325x165	205x325x165	205x325x165	205x325x165	205x325x165
Net weight (Kg)	4,5	4,5	4,5	4,5	4,5	4,5	8	8,5
Line voltage Freq. 50-60 Hz	230 o 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%	230 or 115 Vac ±15%	230 or 115 Vac ±15%
Calibration weight	g 100 (F1)	g 200 (F1)	g 200 (F1)	g 200 (F1)	g 200 (F1)	g 200 (F1)	automatic with internal weight	automatic with internal weight
Power consumption (average)	VA 14	VA 14	VA 14	VA 14	VA 14	VA 14	VA 14	VA 14
Interface (optional)	RS232C	RS232C	RS232C	RS232C	RS232C	RS232C	RS232C	RS232C