

Top Loading MARK Series 0.01 g Resolution

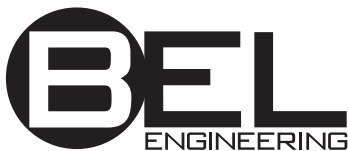


A vast number of models with capacities ranging from 160g to a maximum of 8kg. The exclusive and pleasant "Italian design" encompasses innovation and high technology. The "Uniblock" electromagnetic compensation weighing cell manufactured from a single aeronautical aluminium block (i.e.: without any interconnecting screws between parts), ensures maximum efficiency and precision through time. Like the analytical balances, the "Ultramark"i0 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	520 L	1000	1700	2200	3100	3500	4100
Weighing capacity (g)	520	1000	1700	2200	3100	3500	4100
Readability (g)	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Tare range (g)	520	1000	1700	2200	3100	3500	4100
Reproducibility (g) (standard deviation)	0,005	0,005	0,005	0,005	0,005	0,005	0,005
Linearity (g)	± 0,001	± 0,001	± 0,001	± 0,02	± 0,02	± 0,03	± 0,03
Response time (average)	≤ 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.
Operating temperature range	+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	± 5 ppm/°C	± 5 ppm/°C	± 5 ppm/°C	± 5 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
Pan size (mm)	160	160	160	160	160	160	160
Housing dimensions (WxDxH) (mm)	205x325x95	205x325x95	205x325x95	205x325x95	205x325x95	205x325x95	205x325x95
Net weight (Kg)	3,5	5,5	4,5	4,5	4,5	4,5	4,5
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%	230 or 115 Vac ± 15%
Calibration weight	g 200 (F1)	g 2X200 (F1)	g 1000 (F1)	g 1000 (F1)	g 2000 (F1)	g 2000 (F1)	g 2000 (F1)
Power consumption (average)	VA 14	VA 14	VA 14	VA 14	VA 14	VA 14	VA 14
Interface (optional)	RS232C	RS232C	RS232C	RS232C	RS232C	RS232C	RS232C



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Technical Characteristics

Model MARK	UM 4100	2020	2020 PQ	6045	8055	8055 PQ
Weighing capacity (g)	4100	200/2000	200/2000	600/4500	800/5500	800/5500
Readability (g)	0,01	0,01/0,1	0,01/0,1	0,01/0,1	0,01/0,1	0,01/0,1
Tare range (g)	4100	200/2000	200/2000	600/4500	800/5500	800/5500
Reproducibility (g) (standard deviation)	0,005	0,005/0,03	0,005/0,03	0,005/0,03	0,005/0,03	0,005/0,03
Linearity (g)	± 0,03	± 0,01/± 0,1	± 0,01/± 0,1	± 0,01/± 0,1	± 0,01/± 0,1	± 0,01/± 0,1
Response time (average)	≤ 2 sec.	≤ 2 sec.	≤ 3 sec.	≤ 2 sec.	≤ 3 sec.	≤ 3 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	± 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
Pan size (mm)	160	160	195x175	160	160	195x175
Housing dimensions (WxDxH) (mm)	205x325x95	205x325x95	205x325x95	205x325x95	205x325x95	205x325x95
Net weight (Kg)	9	4,5	4,7	4,5	4,5	4,7
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	automatic with internal weight	g 2000 (F1)	g 2000 (F1)	g 2000 (F1)	g 2000 (F1)	g 2000 (F1)
Power consumption (average)	VA 14	VA 14	VA 14	VA 14	VA 14	VA 14
Interface (optional)	RS232C	RS232C	RS232C	RS232C	RS232C	RS232C