

MARK K Series Balances 0.1 g Resolution



High capacity and high resolution balances ranging from 12kg 0.1g to 30kg 0.1g. This series includes a semi-integrated “double-lever” electromagnetic compensation weighing cell and combines high weighing capacity and resolution features, making these balances essential instruments in the control or dosing of large masses requiring laboratory precision.

MARK K Series Balances 0.1 g Resolution

Technical Characteristics

Model MARK	K 12	KL 15	K 16	KL 20	K 20.1
Weighing capacity (g)	12.000	15.000	16.000	20.000	20.000
Readability (g)	0,1	1	0,1	1	0,1
Tare range (g)	12.000	15.000	16.000	20.000	20.000
Reproducibility (g) (standard deviation)	0,05	0,1	0,05	0,1	0,05
Linearity (g)	± 0,2	± 1	± 0,2	± 1	± 0,2
Response time (average)	≤ 3 sec.	≤ 3 sec	≤ 3 sec	≤ 3 sec	≤ 3 sec
Adaption to enviroment conditions	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
Sensitivity drift +10..+30°C	± 6 ppm/°C	± 6 ppm/°C	± 6 ppm/°C	± 6 ppm/°C	± 6 ppm/°C
Autozero	ON-OFF from Menu	ON-OFF from Menu	ON-OFF from Menu	ON-OFF from Menu	ON-OFF from Menu
Pan size (mm)	210x320	210x320	210x320	210x320	210x320
Housing dimensions (WxDxH) (mm)	325x295x95	325x295x95	325x295x95	325x295x95	325x295x95
Net weight (Kg)	10	8,5	10	8,5	10
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%
Calibration weight	g 2x2.000 (F1)	g 2.000 (F1)	g 2x2.000 (F1)	g 2x2.000 (F1)	Kg 10 (F1)
Power consumption (average)	VA 14	VA 14	VA 14	VA 14	VA 14
Interface (optional)	RS232C	RS232C	RS232C	RS232C	RS232C

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Technical Characteristics

Model MARK	KL 30	K 30.1	K 4516	K 4520	K 4530
Weighing capacity (g)	30.000	30.000	4.500/16.000	4.500/20.000	4.500/30.000
Readability (g)	1	0,1	0,1/1	0,1/1	0,1/1
Tare range (g)	30.000	30.000	4.500/16.000	4.500/20.000	4.500/30.000
Reproducibility (g) (standard deviation)	0,1	0,05	0,05/0.1	0,05/0.1	0,1/0,3
Linearity (g)	± 1	± 0,2	± 0,2/1	± 0,2/1	± 0,2/1
Response time (average)	≤ 3 sec.	≤ 3 sec	≤ 3 sec	≤ 3 sec	≤ 3 sec
Adaption to enviroment conditions	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
Sensitivity drift +10..+30°C	± 6 ppm/°C	± 6 ppm/°C	± 6 ppm/°C	± 6 ppm/°C	± 6 ppm/°C
Autozero	ON-OFF from Menu	ON-OFF from Menu	ON-OFF from Menu	ON-OFF from Menu	ON-OFF from Menu
Pan size (mm)	210x320	210x320	210x320	210x320	210x320
Housing dimensions (WxDxH) (mm)	325x295x95	325x295x95	325x295x95	325x295x95	325x295x95
Net weight (Kg)	8,5	10	10	10	10
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%
Calibration weight	g 2x2.000 (F1)	Kg 10 (F1)	g 2x2.000 (F1)	g 2x2.000 (F1)	g 2x2.000 (F1)
Power consumption (average)	VA 14	VA 14	VA 14	VA 14	VA 14
Interface (optional)	RS232C	RS232C	RS232C	RS232C	RS232C