

Model Overview



Technical Data	MS12001L	MS16001L	MS32001L
Maximum capacity	12200 g	16200 g	32200 g
Readability	0.1 g	0.1 g	0.1 g
Adjustment range with external weights	5000-12200 g	5000-16200 g	10000-32200 g
Repeatability (sd)	0.1 g	0.1 g	0.1 g
Linearity	0.2 g	0.2 g	0.3 g
Sensitivity temperature drift (10–30°C)*	5 ppm/ °C	5 ppm/ °C	5 ppm/ °C
Stabilization time	2 s	2 s	2 s
IP Protection	IP54 in use	IP54 in use	IP54 in use
Weighing pan dimensions	351x245 mm	351x245 mm	351x245 mm
Balance dimensions LxWxH	346x363x118 mm	346x363x118 mm	346x363x118 mm
Weight of balance	10.7 kg	10.7 kg	10.7 kg
Minimum weight (acc. to USP)	300 g	300 g	300 g
Minimum weight (acc. to 1%, k=2)	20 g	20 g	20 g
Power requirement	100–240 VAC/0.3A	100–240 VAC/0.3A	100–240 VAC/0.3A

* Sensitivity temperature drift for models without FACT: 15 ppm/ °C
Stability of sensitivity as from first installation with FACT automatic adjustment switched on



Technical Data	MS32000L	MS15KLIPE	MS24KLIPE
Maximum capacity	32200 g	15 kg	24 kg
Readability	1 g	2 g	2 g
Adjustment range with external weights	10000-32200 g	5-15 kg	10-24 kg
Repeatability (sd)	0.5 g	1 g	2 g
Linearity	1 g	2 g	2 g
Sensitivity temperature drift (10–30°C)**	5 ppm/ °C	–	–
Stabilization time	1.5 s	1 s	1 s
IP Protection	IP54 in use	IP65	IP65
Weighing pan dimensions	351x245 mm	351x245 mm	351x245 mm
Balance dimensions LxWxH	346x363x118 mm	346x363x122 mm	346x363x122 mm
Weight of balance	10.7 kg	9.9 kg	9.9 kg
Minimum weight (acc. to USP)	1500 g	3 kg	6 kg
Minimum weight (acc. to 1%, k=2)	100 g	200 g	400 g
Power requirement	100–240 VAC/0.3A	100–240 VAC/0.3A	100–240 VAC/0.3A

Stability of sensitivity as from first installation with FACT automatic adjustment switched on

Features

 Metal Housing High-grade chemical-resistant die-cast aluminum housing	 FACT Fully automatic time- and temperature-controlled internal adjustment	 Diagnostics Easy running of balance diagnostics test e.g. keypad test, repeatability test
 MonoBloc Proven weighing technology for fast and accurate results	 Overload Protection Protects the weighing cell against excess weight overload	 Smart Key Programmable keys for shortcut access to preferred applications
 Large weighing pan For comfortable weighing of bulky items	 Connectivity RS232 to connect to PC, printer or bar code reader; USB to connect to PC	 Protective Cover Encloses the entire housing, protecting the balances from stains and scratches

Approval

Approved versions of all models available

Applications

Piece Counting, Percent Weighing, Check Weighing, Dynamic Weighing, Statistics, Formulation, Totaling, Free Factor, Recall

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