













For Every Purpose The Perfect Match

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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
- 
SmartTrac Shows how much of the entire weighing range has been used
- 
Smart Key Programmable keys for shortcut access to preferred applications
- 
Connectivity RS232 to connect to PC, printer or bar code reader; USB to connect to PC
- 
OIML Approved versions of all models available
- 
Protection of main balance configurations against manipulation
- 
Overload Protection Protects the weighing cell against excess weight overload
- 
Protective Cover Encloses the entire housing, protecting the balances from stains and scratches
- 
Applications Piece Counting, Percent Weighing, Check Weighing, Dynamic Weighing, Statistics



	MS104S	MS204S	MS304S
Maximum capacity	120 g	220 g	320 g
Readability	0.0001 g	0.0001 g	0.0001 g
Repeatability (sd)	0.1 mg	0.1 mg	0.1 mg
Linearity	0.2 mg	0.2 mg	0.3 mg
Stabilization time	2 s	2 s	3 s
IP Protection	IP54 in use	IP54 in use	IP54 in use
Usable height of draft shield	237 mm	237 mm	237 mm
Weighing pan dimensions	∅ 90 mm	∅ 90 mm	∅ 90 mm
Balance dimensions LxWxH	347x204x345 mm	347x204x345 mm	347x204x345 mm



	MS303S	MS403S	MS603S	MS1003S
Maximum capacity	320 g	420 g	620 g	1020 g
Readability	0.001 g	0.001 g	0.001 g	0.001 g
Repeatability (sd)	0.001 g	0.001 g	0.001 g	0.001 g
Linearity	0.002 g	0.002 g	0.002 g	0.002 g
Stabilization time	1.5 s	1.5 s	2 s	2 s
IP Protection	IP54 in use	IP54 in use	IP54 in use	IP54 in use
Usable height of draft shield	165 mm	165 mm	165 mm	165 mm
Weighing pan dimensions	127x127 mm	127x127 mm	127x127 mm	127x127 mm
Balance dimensions LxWxH	347x204x280 mm	347x204x280 mm	347x204x280 mm	347x204x280 mm



	MS802S	MS1602S	MS3002S	MS4002S	MS6002S	MS4002SDR*	MS6002SDR*
Maximum capacity	820 g	1620 g	3200 g	4200 g	6200 g	4200 g	6200 g
Maximum capacity*	–	–	–	–	–	820 g	1220 g
Readability	0.01 g	0.01 g	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g
Readability*	–	–	–	–	–	0.01 g	0.01 g
Repeatability (sd)	0.01 g	0.01 g	0.01 g	0.01 g	0.01 g	0.06 g	0.06 g
Repeatability (sd)*	–	–	–	–	–	0.01 g	0.01 g
Linearity	0.02 g	0.02 g	0.02 g	0.02 g	0.02 g	0.2 g	0.2 g
Linearity, fine range	–	–	–	–	–	0.02 g	0.02 g
Stabilization time	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s
IP Protection	IP54 in use	IP54 in use	IP54 in use	IP54 in use	IP54 in use	IP54 in use	IP54 in use
Weighing pan dimensions	170x200 mm	170x200 mm	170x200 mm	170x200 mm	170x200 mm	170x200 mm	170x200 mm
Balance dimensions LxWxH	347x194x96 mm	347x194x96 mm	347x194x96 mm	347x194x96 mm	347x194x96 mm	347x194x96 mm	347x194x96 mm

* Delta Range: fine range up to 20% of the weighing range, depending on the model



	MS3001S	MS6001S	MS8001S	MS12001L	MS16001L	MS32001L	MS32000L
Maximum capacity	3200 g	6200 g	8200 g	12200 g	16200 g	32200 g	32200 g
Readability	0.1 g	0.1 g	0.1 g	0.1 g	0.1 g	0.1 g	1 g
Repeatability (sd)	0.1 g	0.1 g	0.1 g	0.1 g	0.1 g	0.1 g	0.5 g
Linearity	0.2 g	0.2 g	0.2 g	0.2 g	0.2 g	0.3 g	1 g
Stabilization time	1 s	1 s	1 s	2 s	2 s	2 s	1.5 s
IP Protection	IP54 in use	IP54 in use	IP54 in use	IP54 in use	IP54 in use	IP54 in use	IP54 in use
Weighing pan dimensions	190x226 mm	190x226 mm	190x226 mm	351x245 mm	351x245 mm	351x245 mm	351x245 mm
Balance dimensions LxWxH	347x194x96 mm	347x194x96 mm	347x194x96 mm	346x363x118 mm	346x363x118 mm	346x363x118 mm	346x363x118 mm



	MS15KLIPE	MS24KLIPE
Maximum capacity	15 kg	24 kg
Readability	2 g	2 g
Weighing range (approved version)	6 / 15 kg	15 / 24 kg
Readability (approved version)	2 / 5 g	5 / 10 g
Repeatability (sd)	1 g	2 g
Linearity	2 g	2 g
Stabilization time	1 s	1 s
IP Protection	IP65	IP65
Weighing pan dimensions	351x245 mm	351x245 mm
Balance dimensions LxWxH	346x363x122 mm	346x363x122 mm