

	MS403S	MS603S	MS1003S
Minimum sample weight (U=1 %, k=2)	0.14 g	0.14 g	0.14 g
Minimum sample weight OIML	0.02 g	0.02 g	0.02 g
Settling time	1.5 s	1.5 s	1.5 s
Adjustment	Int. Cal / FACT	Int. Cal / FACT	Int. Cal / FACT
Balance dimensions (W x D x H)	204x347x283 mm	204x347x283 mm	204x347x283 mm
Weighing pan dimensions	127x127 mm	127x127 mm	127x127 mm
Usable height of draft shield	168 mm	168 mm	168 mm
Weight of balance	5.5 kg	5.5 kg	5.5 kg
Weights for routine testing			
OIML CarePac	#11123000	#11123007	#11123008
Weights	200 g F2, 20 g F1	500 g F2, 20 g F1	1000 g F2, 50 g F1
ASTM CarePac	#11123100	#11123107	#11123108
Weights	200 g 1, 20 g 1	500 g 1, 20 g 1	1000 g 1, 50 g 1

13.2.3 Balances with Readability of 0.01 g, S Platform

Technical Data

	MS802S*	MS1602S	MS1602SE
Limit values			
Maximum capacity	820 g	1620 g	1620 g
Readability	0.01 g	0.01 g	0.01 g
Repeatability (at nominal load)	0.01 g	0.01 g	0.01 g
Linearity deviation	0.02 g	0.02 g	0.02 g
Sensitivity temperature drift	3 ppm/°C	3 ppm/°C	3 ppm/°C
Typical values			
Repeatability (at nominal load)	0.007 g	0.007 g	0.007 g
Linearity deviation	0.006 g	0.006 g	0.006 g
Minimum sample weight (acc. to USP)	14 g	14 g	14 g
Minimum sample weight (U=1 %, k=2)	1.4 g	1.4 g	1.4 g
Minimum sample weight OIML	0.5 g	0.5 g	0.5 g
Settling time	1.5 s	1.5 s	1.5 s
Adjustment	Int. Cal / FACT	Int. Cal / FACT	Ext. Cal
Balance dimensions (W x D x H)	194x347x99 mm	194x347x99 mm	194x347x99 mm
Weighing pan dimensions	170x200 mm	170x200 mm	170x200 mm
Weight of balance	4.8 kg	4.8 kg	4.7 kg
Weights for routine testing			
OIML CarePac	#11123007	#11123008	#11123008
Weights	500 g F2, 20 g F1	1000 g F2, 50 g F2	1000 g F2, 50 g F2
ASTM CarePac	#11123107	#11123106	#11123106
Weights	500 g 1, 20 g 1	1000 g 1, 50 g 1	1000 g 1, 50 g 1

* Only available in selected countries.

	MS3002S	MS3002SE	MS4002S
Limit values			
Maximum capacity	3200 g	3200 g	4200 g
Readability	0.01 g	0.01 g	0.01 g