

Technical data for individual models

Miscellaneous



	SM3000	SM6000	SM15000	SM1520 DeltaRange
Readability	0,1 g	0,1 g	0,1 g	1 g
- Fine range (recallable)	-	-	-	0,1 g
Weighing capacity	3100 g	6100 g	15000 g	15000 g
- Fine range (recallable)	-	-	-	2000 g
Taring range (by subtraction)	3100 g	6100 g	15000 g	15000 g
Repeatability (s)	0,05 g	0,05 g	0,1 g	0,3 g
- Fine range	-	-	-	0,1 g
Linearity	± 0,1 g	± 0,1 g	± 0,2 g	± 1 g
- Fine range	-	-	-	± 0,2 g
Sensitivity drift / °C (10 ... 30 °C)	8 x 10 ⁻⁶	8 x 10 ⁻⁶	6 x 10 ⁻⁶	6 x 10 ⁻⁶
Stabilization time ¹⁾	1/1,5/2,5 s	1/1,5/2,5 s	1,5/2/3 s	1,5/2/3 s
Update speed	0,13 s	0,13 s	0,13 s	0,13 s
Display ²⁾	FD/LCD	FD/LCD	FD/LCD	FD/LCD
Result deviation in inclined position (1:1000)	0,5 g	0,5 g	0,5 g	1 g
Weighing platform (W x L) in mm	322 x 232	322 x 232	322 x 232	322 x 232
Calibration weight Class F1 ³⁾	1000 g	2000 g	2 x 2000 g	2 x 2000 g
Net weight	8 kg	_____	_____	_____
Scale housing H (W x D) in mm ⁴⁾	328 x 350 x 85	_____	_____	_____
Power consumption	9 VA	_____	_____	_____

¹⁾ dependent on the setting of the vibration adapter

²⁾ FD Fluorescent display, self-luminous: SM-F
LCD Liquid crystal display, passive: SM-L

³⁾ for noncertified version

⁴⁾ incl. base terminal

General technical data

Basic unit of balance/scale, selectable ¹⁾	g, kg, lb, oz, ozt, tl, GN, dwt, ct, C.M., k
Switchable 2 nd unit ¹⁾	g, kg, lb, oz, ozt, tl, GN, dwt, ct, C.M., k
Applications, selectable	piece counting, +/- or % weighing, animal weighing
Digital display	7 digits
DeltaTrac ²⁾	60 segments
Power connection SM	voltage selectable: 115/230 V, ±15 %, 50/60 Hz supply via AC adapter: 11 VDC/0.1 A battery operation: duration 8 h; charge time 16 h
Vibration adapter	choice of 3 settings, optical display
Weighing process adapter	choice of 4 settings, optical display
Stability detector	choice of 4 settings, optical display
Data interface	bidirectional RS232C/CL passive 20 mA
• Baud rate	110...9600 baud
• Parity	even, odd, mark, space
• Transmission	asynchronous 7-bit ASCII
• Plug-in connection	15-pin MiniMETTLER socket
• METTLER TOLEDO GM-interface	15-pin MiniMETTLER for connection of peripherals
Admissible ambient conditions	
• Temperature	0 °C...40 °C
• Relative humidity	15 %...85 %
• Height below/above sea level	-300 m...+600 m
• Vibration	0,3 m/s ²

¹⁾ see decimal places for secondary units.

²⁾ dynamic graphic indicator and dispensing aid.

SM scales are also available in an intrinsically safe version. Ask your METTLER TOLEDO dealer.