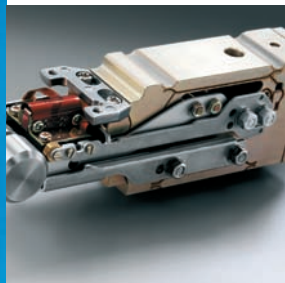


S-, M- and L-Platform



High speed

The measurement performance of the MonoBloc^{HighSpeed} weighing cell is peak – for fast and precise results.



Easy to use

The touchscreen display makes operation clear, simple and very convenient. The alphanumeric keypad allows easy sample identification.



Built for hard work

Large platforms, robust construction and IP54 in use. Thanks to the overload protection even heavy loads cannot damage the XS.



Data acquisition made easy

Commercial keyboards or barcode readers can easily be connected and used with the XS.



Excellence XS High-speed precision balances

The Excellence XS precision balances from METTLER TOLEDO are made for those who want to get their work done faster. High-speed weighing technology, Bluetooth wireless connectivity, simple operation and a rock-solid design make it an uncompromising non-stop runner, a balance that increases efficiency in laboratory and production environments.

Technical data

Excellence XS (S-Platform) High-speed precision balances



Balance model	XS203S	XS403S	XS603S	XS603SDR	XS1003S
Stand-alone weighing platform	X203S	–	X603S	X603SDR	–
Maximum capacity	210 g	410 g	610 g	610 g	1010 g
Maximum capacity, fine range	–	–	–	120 g	–
Readability	1 mg	1 mg	1 mg	10 mg	1 mg
Readability, fine range	–	–	–	1 mg	–
Repeatability (sd)	0.9 mg	0.9 mg	0.9 mg	6 mg	0.8 mg
Repeatability, fine range (sd)	–	–	–	1 mg	–
Linearity	2 mg	2 mg	2 mg	6 mg	2 mg
Settling time	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s
Usable height of draft shield (mm)	175				

Balance dimensions (WxDxH mm) 194x366x276, Weighing pan dimensions (WxD mm) 127x127



Balance model	XS802S	XS2002S	XS4002S	XS4002SDR	XS6002S	XS6002SDR
Stand-alone weighing platform	–	X2002S	X4002S	–	X6002S	X6002SDR
Maximum capacity	810 g	2100 g	4100 g	4100 g	6100 g	6100 g
Maximum capacity, fine range	–	–	–	800 g	–	1200 g
Readability	10 mg	10 mg	10 mg	100 mg	10 mg	100 mg
Readability, fine range	–	–	–	10 mg	–	10 mg
Repeatability (sd)	8 mg	8 mg	8 mg	60 mg	8 mg	60 mg
Repeatability, fine range (sd)	–	–	–	8 mg	–	8 mg
Linearity	20 mg	20 mg	20 mg	60 mg	20 mg	60 mg
Settling time	1.2 s	1.2 s	1.2 s	1.2 s	1.2 s	1.2 s

Balance dimensions (WxDxH mm) 194x366x96, Weighing pan dimensions (WxD mm) 170x205



Balance model	XS4001S	XS6001S	XS8001S
Stand-alone weighing platform	X4001S	X6001S	X8001S
Maximum capacity	4.1 kg	6.1 kg	8.1 kg
Readability	0.1 g	0.1 g	0.1 g
Repeatability (sd)	80 mg	80 mg	80 mg
Linearity	60 mg	60 mg	100 mg
Settling time	0.8 s	0.8 s	1 s

Balance dimensions (WxDxH mm) 194x366x96, Weighing pan dimensions (WxD mm) 190x223

Standard equipment

- Graphical display with touch-screen operation
- FACT fully automatic temperature-controlled internal adjustment
- Stainless steel weighing pan with draft ring or draft shield, depending on model
- Built-in RS232C interface, slot for second interface (7 options).

Excellence XS (M-and L-Platform) High-capacity precision balances



Balance model	XS6001M	XS6001MDR	XS10001M	XS12001MDR	XS16001M	XS10000M	XS16000M
Maximum capacity	6.1 kg	6.1 kg	10.1 kg	12.1 kg	16.1 kg	10.1 kg	16.1 kg
Maximum capacity, fine range	–	1.2 kg	–	2.4 kg	–	–	–
Readability	0.1 g	1 g	0.1 g	1 g	0.1 g	1 g	1 g
Readability, fine range	–	0.1 g	–	0.1 g	–	–	–
Repeatability (sd)	0.08 g	0.6 g	0.08 g	0.6 g	0.08 g	0.6 g	0.6 g
Repeatability, fine range (sd)	–	0.08 g	–	0.08 g	–	–	–
Linearity	0.06 g	0.6 g	0.1 g	0.6 g	0.2 g	0.6 g	0.6 g
Settling time	1 s	1 s	1.2 s	1 s	1.2 s	1 s	1 s

Balance dimensions (WxDxH mm) 240x393x110, Weighing pan dimensions (WxD mm) 237x237



Balance model	XS8001L	XS16001L	XS32001L	XS32001LDR	XS16000L	XS32000L
Stand-alone weighing platform	–	X16001L	X32001L	–	–	X32000L
Maximum capacity	8.1 kg	16.1 kg	32.1 kg	32.1 kg	16.1 kg	32.1 kg
Maximum capacity, fine range	–	–	–	6.4 kg	–	–
Readability	0.1 g	0.1 g	0.1 g	1 g	1 g	1 g
Readability, fine range	–	–	–	0.1 g	–	–
Repeatability (sd)	0.08 g	0.08 g	0.08 g	0.6 g	0.6 g	0.6 g
Repeatability, fine range (sd)	–	–	–	0.1 g	–	–
Linearity	0.2 g	0.2 g	0.3 g	0.3 g	0.6 g	0.6 g
Settling time	1.5 s	1.5 s	1.5 s	1.5 s	1.2 s	1.2 s

Platform dimensions (WxDxH mm) 360x280x130, Terminal dimensions (WxD mm) 178x124, Weighing pan dimensions (WxD mm) 280x360
sd: standard deviation



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