

Excellence Ex Precision Balances



METTLER TOLEDO Excellence

Uncompromised Efficiency

Maximum Safety

Unmatched Reliability



Maximum Safety
in hazardous environments

METTLER TOLEDO

Uncompromised safety and efficiency in hazardous areas

Because user safety is key, equipment used in potentially explosive environments has to fully comply with the applicable directives. With the Excellence XS Ex2 balances METTLER TOLEDO offers a modular balance available in three platform sizes (Small, Medium and Large) with a weighing range from 0.1 mg up to 64 kg.



ATEX Zone 2
Approved for hazardous area zone 2 (category 3G).



MonoBloc ^{Highspeed} technology
For peak weighing performance.



Reliability
For smooth daily operation.
Built of solid metal, resistant to chemicals.



Touch screen
Makes operation easy and fast.



FACT
Fully automatic internal adjustment.



GxP - compliant documentation
Seamless documentation, full traceability.



Connectivity
RS232 built-in, slot for second interface
(4 options, incl. wireless Bluetooth and Ethernet).



DeltaTrac
Graphically visualizes the remaining available capacity.



LabX PC software
For electronic data management.



Compact draft shield

The sliding doors are easy to open and allow free access to the weighing chamber as well as convenient cleaning. To save valuable space, the windshield doors do not protrude behind the balance.

Lead
Mono
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and



Built-in Applications

Choose between 7 built-in applications: weighing, statistics, formulation, percent weighing, piece counting, density determination and dynamic weighing.



Touch screen display

Safe and simple operation with the convenient touch screen display and graphical user interface.

Stand for terminal

Save space and avoid soiling the terminal by using the optional stand.



Stand-alone Platform

Available in three sizes, the Ex2 platform is the perfect solution for integration into automated systems

Built for hard work

The soil-resistant casing has easy to clean surfaces, while the robust construction offers complete overload protection.



ErgoSens

Freely placeable and individually configurable, the ErgoSens enables hands-free operation of the balance.



Bluetooth

Allows wireless communication between balance and printer up to a distance of 10m. This enables you to place the printer away from your balance in a safe area.



Leading-edge technology

dBloc^{Highspeed} weighing cell
Best weighing performance
Unmatched ruggedness.

Excellence XS Ex Balances

Technical Data



Technical Data	XS204SX	XS603SX	XS1003SX	XS5003SXDR
Stand alone weighing platform	X204SX	X603SX	X1003SX	X5003SXDR
Maximum capacity	210g	610g	1010g	5100g
Maximum capacity, fine range	—	—	—	1000g
Readability	0.1mg	1mg	1mg	10mg
Readability, fine range	—	—	—	1mg
Repeatability (sd)	0.2mg	0.9mg	0.8mg	6mg
Repeatability, fine range (sd)	—	—	—	1mg
Linearity	0.2mg	2mg	2mg	6mg
Settling time	2s	1.5s	1.5s	2s
Usable height of draft shield (mm)	248	248	248	248
Weighing pan dimensions (WxD mm)	∅ 90	127x127	127x127	127x127
Balance dimensions (WxDxH mm)	194x366x363			



Technical Data	XS4002SX	XS6002SX	XS4001SX
Stand alone weighing platform	X4002SX	X6002SX	X4001SX
Maximum capacity	4100g	6100g	4100g
Readability	0.01g	0.01g	0.1g
Repeatability (sd)	8mg	8mg	80mg
Linearity	20mg	20mg	60mg
Settling time	1.2s	1.2s	0.8s
Weighing pan dimensions (WxD mm)	170x205	170x205	190x223
Balance dimensions (WxDxH mm)	194x366x96		



Technical Data	XS6002MXDR	XS6001MX	XS12001MX
Stand alone weighing platform	—	X6001MX	X12001MX
Maximum capacity	6100g	6100g	12100g
Maximum capacity, fine range	1200g	—	—
Readability	0.1g	0.1g	0.1g
Readability, fine range	0.01g	—	—
Repeatability (sd)	60mg	80mg	80mg
Repeatability, fine range (sd)	10mg	—	—
Linearity	60mg	60mg	100mg
Settling time	1.5s	1s	1.2s
Weighing pan dimensions (WxD mm)	237x237		
Balance dimensions (WxDxH mm)	240x393x110		



Technical Data	XS32001LX	XS64001LX	XS32000LX	XS64000LX
Stand alone weighing platform	X32001LX	X64001LX	—	—
Maximum capacity	32100g	64100g	32100g	64100g
Readability	0.1g	0.1g	1g	1g
Repeatability (sd)	80mg	100mg	600mg	600mg
Linearity	300mg	500mg	600mg	600mg
Settling time	1.5s	1.8s	1.2s	1.5s
Weighing pan dimensions (WxD mm)	280x360			
Platform dimensions (WxDxH mm)	360x280x130			
Terminal dimensions (W x D mm)	178x124			



All models also available in verified versions.

www.mt.com/XS-Ex

More information

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Quality certificates

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