



## Excellence XS

The new precision balance  
from METTLER TOLEDO

Efficiency without compromise

**That's the weigh!**

**Excellence XS:  
the legend of tomorrow**

**METTLER TOLEDO**

# Uncompromised efficiency in the laboratory and production environments.

## Absolute reliability

The XS is rugged and reliable: solid metal, resistant to chemicals, protected against penetration by dust and water.



### MonoBloc<sup>HighSpeed</sup>

Rugged high-performance cell latest generation, for optimal weighing performance.



### Reliability

Built for smooth daily operation. Constructed of solid metal, resistant to chemicals.



### Touch screen

Clear, easy operation of the balance. Self-explanatory graphical user guidance.



### FACT

Fully automatic time and temperature controlled internal adjustment.



### GxP

Gapless documentation according to GxP – easily and flexibly configurable.



### IP54 inUse

Protection against penetration by dust and water.



Bluetooth

### Connectability

Complete flexibility through different interface options including wireless Bluetooth and Ethernet



### DeltaTrac

With DeltaTrac you can always see the available weighing range clearly.

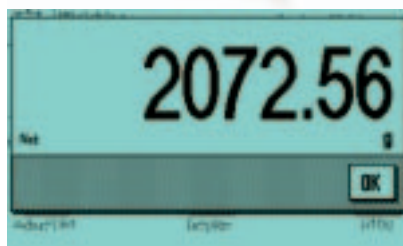
## Radical simplicity

Operation is clear, simple, and thanks to the touch screen also fast and convenient.



### Touch screen

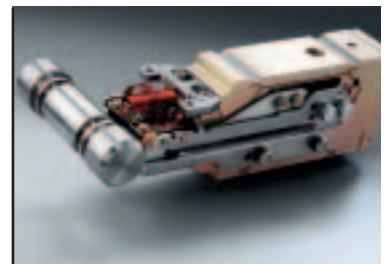
Graphical user guidance: clear and fast. Alphanumeric keypad for GxP-compliant documentation.



### Clear display

with large characters for optimal readability.

For more information visit  
[www.mt.com/XS-precision](http://www.mt.com/XS-precision)



### High speed

The MonoBloc<sup>HighSpeed</sup> weighing cell for precision at maximum speed: fast accurate results.



**Bluetooth**

Possible at last: wireless connection between the balance and printer as far as 10 m apart. Place the printer just where you want it – with no cable to worry about.

METTLER TOLEDO

16 Jun 2004  
6 g

Weighing		16 Jun 2004
Net	1133.2 g	
Tare	18.5 g	
Gross	1151.7 g	
Adjustment	Display	1/100

**Gross, net, tare?**

The XS makes it clear.



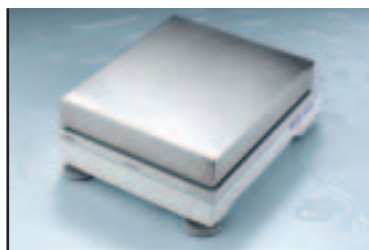
**Seamless integration**

Connectable to all peripheral devices – via RS232, Ethernet, PS/2, or wirelessly via Bluetooth for fast data capture.



**Magnetic protection**

The optional MPS weighing pan protects the balance against the negative influence of magnetic stirring rods.



**Quick cleaning**

Utilize time weighing and not cleaning. Soil-resistant design easy-to-clean surfaces and edges.



**Space optimization**

The optional stand minimizes the space requirement of the XS.



Technical data	XS203S	XS403S	XS603S	XS603SDR	XS1003S
Stand alone weighing platform	X203S	XS403S	X603S	X603SDR	X1003S
Maximum capacity	210 g	410 g	610 g	610 g	1010 g
Maximum capacity of fine range	–	–	–	120 g	–
Readability	1 mg	1 mg	1 mg	10 mg	1 mg
Readability in fine range	–	–	–	1 mg	–
Repeatability (sd) at maximum capacity	0.9 mg	0.9 mg	0.9 mg	6 mg	0.8 mg
Repeatability (sd) at 1/10 max. capacity	–	–	–	1 mg	–
Linearity	2 mg	2 mg	2 mg	6 mg	2 mg
Typical stabilization time	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s
Balance dimensions (WxDxH mm)	194x366x276				
Usable height of draft shield (mm)	175				
Weighing pan dimensions (WxD mm)	127x127				



Technical data	XS802S	XS2002S	XS4002S	XS4002SDR	XS6002S	XS6002SDR
Stand alone weighing platform	X802S	X2002S	X4002S	X4002SDR	X6002S	X6002SDR
Maximum capacity	810 g	2100 g	4100 g	4100 g	6100 g	6100 g
Maximum capacity of fine range	–	–	–	800 g	–	1200 g
Readability	10 mg	10 mg	10 mg	100 mg	10 mg	100 mg
Readability in fine range	–	–	–	10 mg	–	10 mg
Repeatability (sd) at maximum capacity	8 mg	8 mg	8 mg	60 mg	8 mg	60 mg
Repeatability (sd) at 1/10 max. capacity	–	–	–	8 mg	–	8 mg
Linearity	20 mg	20 mg	20 mg	60 mg	20 mg	60 mg
Typical stabilization 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					



Technical data	XS4001S	XS6001S	XS8001S
Stand alone weighing platform	X4001S	X6001S	X8001S
Maximum capacity	4100 g	6100 g	8100 g
Readability	100 mg	100 mg	100 mg
Repeatability (sd) at maximum capacity	80 mg	80 mg	80 mg
Linearity	60 mg	60 mg	100 mg
Typical stabilization time	0.8 s	0.8 s	1.0 s
Balance dimensions (WxDxH mm)	194x366x96		
Weighing pan dimensions (WxD mm)	190x223		



Technical data	XS6001M	XS6001MDR	XS10001M	XS10000M
Stand alone weighing platform	X6001M	X6001MDR	X10001M	X10000M
Maximum capacity	6100 g	6100 g	10100 g	10100 g
Maximum capacity of fine range	–	1200 g	–	–
Readability	100 mg	1g	100 mg	1g
Readability in fine range	–	100 mg	–	–
Repeatability (sd) at maximum capacity	80 mg	600 mg	80 mg	600 mg
Repeatability (sd) at 1/10 max. capacity	–	–	–	–
Linearity	60 mg	600 mg	100 mg	600 mg
Typical stabilization time	1 s	1 s	1.2 s	1 s
Balance dimensions (WxDxH mm)	240x393x110			
Weighing pan dimensions (WxD mm)	237x237			

### Standard equipment

- Backlit graphical display with touch-screen operation
- FACT fully automatic temperature-controlled internal adjustment
- Overload protection
- Stainless-steel weighing pan with draft ring or draft shield depending on model
- Extendable safety feet for all 10 mg and 0.1 g models
- RS232C interface and two AUX outputs built in Slot for second selectable interface (6 options)
- Protective cover for terminal and weighing platform
- Feedthrough for below-the-balance weighing
- Power supply connection with AC/DC adapter
- Country-specific power cable

### All models

- Can download software via the Internet
- Can display different weighing units
- Can be tared over the entire weighing range
- Can be adapted to the environment
- Can be adapted to the weighing mode
- Have applications for statistics, formula weighing, piece counting, dynamic/animal weighing, density determination, and percent weighing
- Have alphanumeric identification
- Can create documentation according to GXP, 3 IDs per sample
- Can communicate in 7 languages: e, g, f, sp, i, jap, russ
- Are available in certified versions

