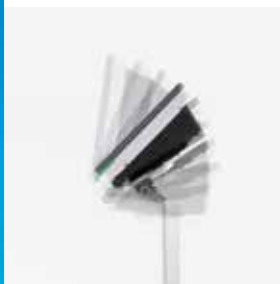# XSR Large Precision Balances
Efficient, Robust, Ergonomic

Extremely Durable
The new Monobloc™ weighing cell delivers fast and precise results. Integrated overload protection and the full metal housing safeguard the weighing cell and help ensure a long balance lifetime.

Ergonomic Operation
Placing the display at eye-level on the adjustable ErgoStand™ saves space and eliminates excessive bending of the neck. The touchscreen display simplifies operation and has large bright figures which are easy to read.

Error-free Data Transfer
You no longer need to record results by hand or spend time typing in data. Simply transfer task parameters and results to a PC or software application via USB. Large volumes of data can be transferred quickly and without error.

Easy to Clean
XSR precision balances have been designed to withstand harsh chemicals, dust and dirt. Smooth surfaces and rounded edges make the whole balance easy to clean.

XSR Precision Balances
Go Beyond Weighing

XSR large platform precision balances are ideal when you have high sample throughput and tight deadlines. Even under the toughest conditions, you can rely on XSR to get the job done – quickly, and without errors.

Weighing methods can be saved in the integrated method library providing fast access to daily tasks and ensuring consistency between users. All results and task parameters are saved automatically to the results notepad and can be easily transferred to a PC via USB or Ethernet. Transcription errors are eliminated.

With ease-of-use, fast performance and secure data handling, XSR balances fit comfortably into your workflows.

METTLER TOLEDO

	XSR10001L	XSR16001L	XSR32001LDR	XSR32001L	XSR16000L	XSR32000L
Material number	30317536	30317549	30316472	30316297	30316481	30316489
Limit values						
Maximum capacity (full range/fine range)	10.1 kg	16.1 kg	32.1 kg / 6.4 kg	32.1 kg	16.1 kg	32.1 kg
Readability (full range/fine range)	0.1 g	0.1 g	1 g / 0.1 g	0.1 g	1 g	1 g
Repeatability (full range/fine range)	80 mg	80 mg	600 mg / 80 mg	80 mg	600 mg	600 mg
Linearity deviation	200 mg	200 mg	300 mg	300 mg	600 mg	600 mg
Typical values						
Repeatability (full range/fine range)	40 mg	40 mg	400 mg / 40 mg	40 mg	400 mg	400 mg
Linearity deviation	60 mg	60 mg	200 mg	100 mg	400 mg	400 mg
Sensitivity offset (test weight)	120 mg (10 kg)	200 mg (16 kg)	320 mg (32 kg)	250 mg (32 kg)	350 mg (16 kg)	650 mg (32 kg)
Minimum weight (5% load, k=2, U=1.0%)	8.2 g	8.2 g	8.2 g	8.2 g	82 g	82 g
USP minimum weight (5% load, k=2, U=0.10%)	82 g	82 g	82 g	82 g	820 g	820 g
Settling time	1.5 s	1.5 s	1.5 s	1.5 s	1.2 s	1.2 s

Terminal Stand
The display is easier to read and good posture is maintained.

P-50 Printers
Fast, high-quality printouts on paper and labels with IDs and barcodes.

Hand/foot Switches
Keep your hands free to handle your samples and equipment.

Barcode Reader
Read in sample and user IDs quickly and without error.

Accessory Material Numbers

P-52 RUE dot matrix printer, RS232, USB, Ethernet, optional BT	30237290
P-56 RUE thermal direct printer, RS232, USB, Ethernet, optional BT	30094673
P-58 RUE thermal direct printer, RS232, USB, Ethernet, optional BT	30094674
ErgoSens: infrared sensor for touch-free remote operation (USB)	30300915
Footswitch: switch for remote operation (USB)	30312558
Terminal stand for L-platform balances, requires adapter 30300956	30125333
Bluetooth adapter, connects via USB	30416089
USB barcode reader	30417466
Protective cover for XSR terminal	30300968
USB-RS232 converter: connects peripheral devices to the balance via RS232	64088427
Terminal extension cable: length 4.5 m	30300920
W64 draft shield to fully enclose balance WxDxH (internal) 550 x 470 x 580 mm	11134470

LabX Laboratory Software

Connect your balance to LabX software to benefit from a fully integrated solution which can satisfy all your data handling needs.

Features

Weighing Performance
- Max capacity from 10 kg to 32 kg
- Readability from 0.1 g to 1 g

Quality Assurance
- Customizable tolerance profiles, with pre-defined quality and weighing settings
- MinWeigh warning function
- Balance ready StatusLight™
- LevelControl: level warning with graphical leveling guide
- Temperature and time programmable automatic adjustment (proFACT)
- Password protected configuration

Efficient Operation
- 4.3 inch color capacitive touchscreen terminal, glove compatible
- Storage of weighing methods
- Integrated results notepad

Seamless Process
- Multiple interfaces for easy connectivity and data export: 4 x USB, 1 LAN
- Easy connection of peripheral devices: printers, PC, barcode readers, footswitches and sensors
- Export of process and results data to XML or Excel

Sustainable Value
- Integrated overload protection
- Chemically resistant materials
- Designed for easy cleaning

www.mt.com/xsr-precision

For more information

ISO 9001 registered

ISO 14001 registered

CE