

XPR Large Precision Balances

Accurate, Flexible, Compliant



Outstanding Performance

The new Monobloc™ weighing cell delivers fast and precise results. The SmartPan weighing pan, on the XPR15002L and XPR20002LDR, minimizes air drafts, providing exceptional stability in busy areas. The LevelMatic weighing pan offers the highest weighing accuracy.



Extremely Durable

Integrated overload protection prevents damage to the weighing cell during the loading and unloading of heavy items. The full metal housing is chemically resistant, and protects against dust and splashing liquids to ensure a long balance lifetime.



Streamlined Processes

Intelligent features simplify and support your processes at every step. The integrated method library saves time and provides higher process security. The built-in notepad automatically records all task parameters and results, eliminating manual transcription.

XPR Precision Balance Solutions Go Beyond Weighing

The robust XPR large platform precision balances deliver outstanding weighing performance and support the highest requirements for data integrity and compliance.



Efficient Data Handling

No more manual transcription! Transfer of results and task parameters to a PC or software program is easy via USB or Ethernet. Peripheral devices, such as printers and barcode readers, simply plug in and you're ready to go.

These flexible balances offer wide-ranging solutions to meet the demands of your applications. E.g. high capacity balances with readability down to 1 mg enable you to weigh big and small quantities directly into the same container.

Customizable, integrated weighing methods guide you through each weighing process and all task parameters are automatically recorded on the built-in results notepad. With intelligent features automatically monitoring the status of your balance, you can rest assured that your results are valid.



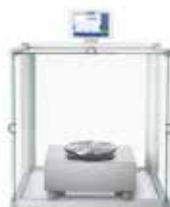
SmartPan models

SmartPan weighing pans minimize the effects of air drafts on the weighing cell significantly improving stability and measurement accuracy.



LevelMatic weighing

¹ The LevelMatic weighing pan minimizes corner load effects enabling you to weigh with an extreme level of accuracy.



XPR26003LC¹

XPR64003LD5C¹



XPR32003LD5C

Material number	30317642	30317644	30317643
Limit values			
Maximum capacity	26.1 kg	64.1 kg	32.1 kg
Repeatability	1 mg	5 mg	5 mg
Repeatability	6 mg	15 mg	15 mg
Linearity deviation	20 mg	50 mg	20 mg
Typical values			
Repeatability	4 mg	10 mg	6.5 mg
Linearity deviation	11.4 mg	28 mg	18 mg
Sensitivity offset (test weight)	140 mg (20 kg)	650 mg (50 kg)	140 mg (20 kg)
Minimum weight (5% load, k=2, U=1.0%)	800 mg	2 g	1.3 g
USP minimum weight (5% load, k=2, U=0.10%)	8 g	20 g	13 g
Settling time	8 ... 12 s	8 ... 12 s	8 ... 12 s
Dimensions			
Weighing pan size (mm)	Ø 220	Ø 220	280 x 360
Weighing pan	LevelMatic	LevelMatic	Standard pan
Draft shield	Draft shield W64	Draft shield W64	Optional



XPR15002L

XPR20002LDR



XPR64002LC

Material number	30317522	30317526	30317645
Limit values			
Maximum capacity (full range/fine range)	15.1 kg	20.1 kg / 4.2 kg	64.1 kg
Readability (full range/fine range)	0.01 g	0.1 g / 0.01 g	0.01 g
Repeatability (full range/fine range)	15 mg	80 mg / 30 mg	35 mg
Linearity deviation	20 mg	60 mg	50 mg
Typical values			
Repeatability (full range/fine range)	10 mg	60 mg / 18 mg	18 mg
Linearity deviation	6 mg	20 mg	28 mg
Sensitivity offset (test weight)	12 mg (15 kg)	25 mg (20 kg)	650 mg (50 kg)
Minimum weight (5% load, k=2, U=1.0%)	2 g	3.6 g	3.6 g
USP minimum weight (5% load, k=2, U=0.10%)	20 g	36 g	36 g
Settling time	1.5 s	1.5 s	8...12s
Dimensions			
Weighing pan size (mm)	172 x 205	172 x 205	280 x 360
Weighing pan	Standard pan, SmartPan	Standard pan, SmartPan	Standard pan
Draft shield	Optional	Optional	Optional



	XPR10001L	XPR16001L	XPR32001L	XPR64001L
Material number	30317530	30317542	30316292	30316477
Limit values				
Maximum capacity	10.1 kg	16.1 kg	32.1 kg	64.1 kg
Readability	0.1 g	0.1 g	0.1 g	0.1 g
Repeatability	80 mg	80 mg	80 mg	100 mg
Linearity deviation	200 mg	200 mg	300 mg	500 mg
Typical values				
Repeatability	40 mg	40 mg	40 mg	40 mg
Linearity deviation	60 mg	60 mg	100 mg	150 mg
Sensitivity offset (test weight)	120 mg (10 kg)	200 mg (16 kg)	250 mg (32 kg)	300 mg (64 kg)
Minimum weight (5% load, k=2, U=1.0%)	8.2 g	8.2 g	8.2 g	8.2 g
USP minimum weight (5% load, k=2, U=0.10%)	82 g	82 g	82 g	82 g
Settling time	1.5 s	1.5 s	1.5 s	1.8 s
Dimensions				
Weighing pan size (mm)	280 x 360	280 x 360	280 x 360	280 x 360
Weighing pan	Standard pan	Standard pan	Standard pan	Standard pan
Draft shield	Optional	Optional	Optional	Optional



	XPR32000L	XPR64000L
Material number	30316485	30316493
Limit values		
Maximum capacity	32.1 kg	64.1 kg
Readability	1 g	1 g
Repeatability	600 mg	600 mg
Linearity deviation	600 mg	600 mg
Typical values		
Repeatability	400 mg	400 mg
Linearity deviation	200 mg	200 mg
Sensitivity offset (test weight)	320 mg (32 kg)	320 mg (64 kg)
Minimum weight (5% load, k=2, U=1.0%)	82 g	82 g
USP minimum weight (5% load, k=2, U=0.10%)	820 g	820 g
Settling time	1.2 s	1.5 s
Dimensions		
Weighing pan size (mm)	280 x 360	280 x 360
Weighing pan	Standard pan	Standard pan
Draft shield	Optional	Optional

Features

Outstanding Performance

- Max capacity from 10 kg to 64 kg
- Readability from 1 mg to 1 g
- High performance models from 26 kg (1 mg) to 64 kg (5 mg)
- SmartPan and LevelMatic weighing pans

Quality Assurance

- GWP Approved built-in quality assurance monitoring
- Customizable tolerance profiles
- MinWeigh warning function
- Adjustment and routine test history
- Balance ready StatusLight™
- LevelControl: level warning with graphical leveling guide
- Temperature and time programmable automatic adjustment (proFACT)
- User Management, individual profiles password protected
- Change history log

Efficient Operation

- 7 inch color capacitive touchscreen terminal, glove compatible
- Storage of weighing methods (including sample series and tolerances)
- Integrated results notepad

Seamless Process

- Easy connectivity and data export: 4 x USB, 1 LAN
- Easy connection of peripheral devices: printers, PC, barcode readers, footswitches and sensors
- Integrated label editor, alphanumeric and barcode
- Export of process and results data to XML or Excel

Sustainable Value

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

Selected Accessories



Printers

The P-50 family of printers generate fast, high-quality printouts on paper, continuous label and individual labels with IDs and barcodes.



USB Barcode Reader

Read in sample and user IDs quickly and without error with a handheld barcode reader.



Terminal Stand

Place your terminal on a stand which is quickly mounted at the back of your balance for easy reading and good posture.



W64 Draft Shield

Large draft shield provides enhanced measurement stability. Size WxDxH (300x450x450 mm)



Bullion Weighing Kit

Load and unload heavy items with ease. Complies with requirements for weighing gold bullion.



Protective Covers

Disposable terminal covers protect your balance and help avoid cross-contamination.



LabX Laboratory Software

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

- SOP user guidance on the instrument
- Automatic data handling and calculations
- Easy data access and documentation
- Full process and results traceability
- Centralized management of multiple instruments

Accessory Material Numbers

USB barcode reader	30417466
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
Terminal stand for L-platform balances	30125333
Bluetooth adapter, connects via USB	30416089
W64 draft shield, for entire balances, WxDxH (internal) 550 x 470 x 580 mm	11134470
Bullion weighing kit: for loading/unloading heavy items, compatible with XPR15002L	30300944
Protective cover for XPR terminal	30125377
ErgoSens: Infrared sensor for touch-free remote operation (USB connection)	30300915
Footswitch: switch for remote operation (USB connection)	30312558
USB-RS232 converter: connects peripheral devices to the balance via RS232	64088427
Terminal extension cable: length 4.5 m	30300920

METTLER TOLEDO Group

Laboratory Weighing
Local contact: www.mt.com/contacts

Subject to technical changes

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For more information

