

XPR Micro-Analytical Balances

Direct Dosing of Very Small Samples



Static-Free Samples

StaticDetect™ measures the weighing error due to electrostatic charging and provides a warning if tolerances are exceeded. In combination with the optional external ionizer, you have a unique solution that guarantees static-free weighing.



Right-first-time Results

The integrated StatusLight™, LevelControl and GWP Approved work actively together to ensure all the relevant conditions for correct weighing are satisfied, giving you the reassurance that your results are valid.



Economical Sample Use

XPR micro-analytical balances are capable of weighing down to USP minimum weights of 1.4 mg at 52 g capacity. You only need to use the tiniest amounts of expensive, rare and potent substances.



Effortless Data Integrity

Connect all your Excellence laboratory instruments to LabX software for full support with regulatory compliance. LabX helps you meet FDA ALCOA+ requirements for data integrity.



XPR Micro-Analytical Balances Go Beyond Weighing

With capacity up to 52 g, samples as small as of 1.4 mg (according to USP) can be conveniently weighed out into larger containers or labware of different sizes, simplifying weighing processes and avoiding the need for sample transfer. The extremely high accuracy and low minimum weight lead to considerable material and cost savings.

Optional accessories make it easy to customize your XPR micro-analytical balance to perfectly fit your process needs.

METTLER TOLEDO

XPR Micro-Analytical Balances – Technical Specifications

	XPR26	XPR26DR	XPR56	XPR56DR
Material number	30355476	30355530	30355535	30355539
Limit values				
Maximum capacity (full range/fine range)	22 g	22 g/5.1 g	52 g	52 g/11 g
Readability (full range/fine range)	0.001 mg	0.01 mg/0.001 mg	0.001 mg	0.01 mg/0.001 mg
Repeatability, 5% load	0.0015 mg	0.002 mg	0.0015 mg	0.002 mg
Linearity deviation	0.01 mg	0.02 mg	0.02 mg	0.03 mg
Typical values				
Repeatability, 5% load	0.0007 mg	0.001 mg	0.0007 mg	0.001 mg
Linearity deviation	0.003 mg	0.006 mg	0.006 mg	0.01 mg
Sensitivity offset, nominal load	0.016 mg	0.024 mg	0.03 mg	0.03 mg
Minimum weight ($k=2$, $U=1\%$) ¹⁾	0.14 mg	0.2 mg	0.14 mg	0.2 mg
Minimum weight (according to USP) ¹⁾	1.4 mg	2 mg	1.4 mg	2 mg
Settling time	3.5 s	2.5 s	3.5 s	2.5 s
Dimensions				
Weighing pan size (mm)	40 × 40	40 × 40	40 × 40	40 × 40
Draft shield, W × D × H (mm)	85 × 83 × 115	85 × 83 × 115	85 × 83 × 115	85 × 83 × 115

¹⁾ Minimum weight typical at 5% load

Features

Accurate Results	Efficient Operation	Quality Assurance	Seamless Process
- Active Temperature Control system (ATC™) - StaticDetect™ - proFACT Advanced internal adjustment - Compact ionizer (with stand) ready	7" color touchscreen (glove compatible) - ErgoClip for direct dosing - SmartSens for touch-less door operation - SmartTrac dosing guide - SmartGrid weighing pan - Results protocol - Storage of methods - Automatic draft shield doors	- GWP Approved - MinWeigh warning function - Balance ready StatusLight - LevelControl: Level warning with graphical levelling guide - Tolerance profiles - User management - Adjustment and routine test history - Change history function	- LabX ready - Calibry ready - Multiple ports for easy connectivity and data export: 4 × USB, 1 × LAN

Accessories Included:

1 × ErgoClip Basket small (11106747)

2 × SmartPrep weighing funnel (30061260, 50pcs)

1 × Table set: 1 × Spatula set analytical (30064493), 1 × Brush (158799), 1 × Tweezer 130 mm (11116540)

Other Selected Accessories

MinWeigh Door micro	11107869	Bluetooth adapter for printer (P-58, P-56, P-52)	30086494
Compact ionizer with stand	30215452	Bluetooth USB adapter for balance	30416089
P-58RUE printer (thermal printer for label and protocol printing)	30094674	Barcode reader USB	30417466
P-56RUE printer (thermal printer for protocol printing)	30094673	USB-RS232 converter	64088427
P-52RUE printer (dot matrix printer for protocol printing)	30237290	CarePacs on www.mt.com/carepacs	

View the full range of accessories online at www.mt.com/lab-accessories

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

www.mt.com/micro

For more information

Subject to technical changes
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