XPR Analytical Balances
Valid Results Every Time

Eliminate Static
StaticDetect measures the weighing error due to electrostatic charging and provides a warning if tolerances are exceeded. In combination with the optional 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.

Easy Automation Upgrade
Optional modules make it easy for you to quickly upgrade your balance to provide automated powder and/or liquid dosing. Automated dosing enables you to achieve a level of accuracy that is impossible to match in a manual process.

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 Analytical Balances
Go Beyond Weighing

With a range of intelligent quality assurance functions, you can depend on XPR to deliver right-first-time results. The patented StaticDetect™ technology, used in combination with the optional ionizing module, offers a complete electrostatic detection and elimination system to ensure accurate weighing results and highest process security.

Optional modules and accessories make it easy to customize your XPR analytical balance to perfectly fit your process needs and improve comfort of everyday weighing.

Even in highly regulated environments, XPR balances integrate seamlessly into your processes.

METTLER TOLEDO

XPR Analytical Balances—Technical Specifications

	XPR106DUH	XPR226CDR	XPR226DR	XPR205	XPR205DU
Material number	30532226	30594507	30594478	30355411	30469076
Limit values					
Maximum capacity (full range/fine range)	120 g/41 g	220 g/121 g	220 g/121 g	220 g	220 g/81 g
Readability (full range/fine range)	0.005 mg/ 0.002 mg	0.01 mg/ 0.005 mg	0.01 mg/ 0.005 mg	0.01 mg	0.1 mg/0.01 mg
Repeatability, 5% load	0.005 mg	0.01 mg	0.01 mg	0.015 mg	0.015 mg
Linearity deviation	0.1 mg	0.1 mg	0.1 mg	0.1 mg	0.2 mg
Typical values					
Repeatability, 5% load	0.003 mg	0.004 mg	0.005 mg	0.007 mg	0.007 mg
Linearity deviation	0.03 mg	0.03 mg	0.03 mg	0.03 mg	0.06 mg
Sensitivity offset, nominal load	0.15 mg	0.25 mg	0.25 mg	0.25 mg	0.4 mg
Minimum weight ($k=2$, $U=1\%$)[1]	0.6 mg	0.8 mg	1 mg	1.4 mg	2 mg
Minimum weight (according to USP)[1]	6 mg	8 mg	10 mg	14 mg	20 mg
Settling time	4 s	5 s	2 s	2 s	1.5 s
Dimensions					
Weighing pan size (mm)	64×56	78×73	78×73	78×73	78×73
Draft shield, W×D×H (mm)	160×137×159	160×137×235	160×137×235	160×137×235	160×137×235

[1] Minimum weight typical at 5% load

	XPR225DR	XPR225DU	XPR105DR	XPR205D5	XPR305D5	XPR204
Material number	30594483	30594488	30355342	30469150	30469154	30355419
Limit values						
Maximum capacity (full range/fine range)	220 g/121 g	220 g/121 g	120 g/41 g	220 g	320 g	220 g
Readability (full range/fine range)	0.1 mg/0.01 mg	0.1 mg/0.01 mg	0.1 mg/0.01 mg	0.05 mg	0.05 mg	0.1 mg
Repeatability, 5% load	0.015 mg	0.015 mg	0.015 mg	0.04 mg	0.06 mg	0.05 mg
Linearity deviation	0.15 mg	0.2 mg	0.15 mg	0.2 mg	0.3 mg	0.2 mg
Typical values						
Repeatability, 5% load	0.007 mg	0.007 mg	0.007 mg	0.02 mg	0.02 mg	0.04 mg
Linearity deviation	0.03 mg	0.05 mg	0.05 mg	0.06 mg	0.1 mg	0.06 mg
Sensitivity offset, nominal load	0.3 mg	0.4 mg	0.25 mg	0.4 mg	0.6 mg	0.4 mg
Minimum weight ($k=2$, $U=1\%$)[1]	1.4 mg	1.4 mg	1.4 mg	4.1 mg	4.1 mg	8.2 mg
Minimum weight (according to USP)[1]	14 mg	14 mg	14 mg	41 mg	41 mg	82 mg
Settling time	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s
Dimensions						
Weighing pan size (mm)	78×73	78×73	78×73	78×73	78×73	78×73
Draft shield, W×D×H (mm)	160×137×235	160×137×235	160×137×235	160×137×235	160×137×235	160×137×235

[1] Minimum weight typical at 5% load

Features

Accurate Results	Efficient Operation	Quality Assurance	Seamless Process
• Active Temperature Control system (ATC™) • proFACT Advanced internal adjustment • Compact ionizer ready • StaticDetect™	• 7" color touchscreen with gesture control (glove compatible) • ErgoClip for direct dosing • SmartSens for touch-less door operation • SmartTrac dosing guide • SmartGrid weighing pan • Built-in results notepad • Storage of methods • Automatic draft shield doors	• GWP Approved built-in quality assurance monitoring • 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 • Upgradable to automatic powder and/or liquid dosing

Software and Accessories

Antistatic Solutions
Single antistatic components and integrated solutions for detection and elimination of static charges from samples and vessels

Printers
High quality printers and label printers for improved data management, less transcription errors and faster processes

CarePacs®
Everything you need for efficient balance routine testing—two selected test weights, calibration certificate and accessories

Other Selected Accessories

	Material number
Compact external ionizer with stand	30499859
Optional built-in ionizer module	30460823
ErgoSens USB, optical sensor for remote operation	30300915
P-58RUE printer (thermal printer for label and protocol printing)	30094674
P-56RUE printer (thermal printer for protocol printing)	30094673
P-52RUE printer (dot matrix printer for protocol printing)	30237290
Bluetooth adapter for printer (P-58, P-56, P-52)	30086494
Bluetooth USB adapter for balance	30416089
Barcode reader USB	30417466
USB-RS232 converter	64088427

CarePacs on ▶ **www.mt.com/carepacs**

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

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

www.mt.com/xpr-analytical

For more information