

Taking Calibration to New Limits Follow the Green Light



Accuracy – Key to Your Success

The patented Active Temperature Control (ATC™) system results in increased temperature stability. Together with a highest class weighing cell and premium electronics, the XPR delivers an outstanding level of weighing accuracy.



Efficient Processes

The conveniently located SmartSens infrared sensors enable you to operate the draft shield door with the wave of a hand. Graphical user guidance provided on the SmartView terminal ensures consistent processes and helps improve productivity.



Safe Weight Handling

The weighing pan hook simplifies the handling of your precious wire weights and minimizes eccentricity errors. The hook reduces the risk of damage to such delicate weights from bending or dropping, helping to prolong weight lifetime.



Assured Traceability

The MC Link weight calibration software provides full user guidance and also automatically saves all weighing results in a database on your PC. Calibration data is fully traceable and available at any time for quality and accreditation purposes.



XPR Ultra Microcomparator for Efficient Weight Calibration

The XPR ultra microcomparator comes supplied with our MC Link weight calibration software to provide seamless calibration processes with 100% data integrity without sacrificing results quality. Built-in calibration methods and graphical user guidance on the two terminals ensure compliant and efficient workflows.

The XPR benefits from the smallest footprint on the market and offer the added convenience of being able to place the main terminal wherever it is most easily accessible.

Designed, engineered and manufactured in Switzerland for outstanding quality you can trust.

XPR Ultra Microcomparator

Limit values	XPR6U	XPR10U
Article	30279276	30756546
Maximum capacity	6.1 g	10.1 g
Readability	0.0001 mg	0.0001 mg
Electrical weighing range (from – to)	0 – 6.1 g	0 – 10.1 g
Repeatability absolute (nominal) (sd)	0.0004 mg (5 g)	0.0006 mg (10 g)
Repeatability (5% load) (sd)	0.00025 mg (2 g)	0.0004 mg (5 g)
Repeatability at nominal load (5x ABA)	0.0004 mg (5 g)	0.0005 mg (10 g)
Repeatability at low load (5x ABA)	0.00025 mg (2 g)	0.0003 mg (5 g)
Linearity deviation	0.004 mg	0.004 mg
Eccentricity (test load) ¹⁾	0.002 mg (2 g)	0.003 mg (5 g)
Sensitivity offset (test weight)	0.048 mg (6 g)	0.05 mg (10 g)
Typical values		
Repeatability (5% load) (sd)	0.00015 mg (2 g)	0.0003 mg (5 g)
Repeatability at nominal load (5x ABA)	0.00025 mg (5 g)	0.00035 mg (10 g)
Repeatability at low load (5x ABA)	0.00015 mg (2 g)	0.00025 mg (5 g)
Linearity deviation	0.0012 mg	0.001 mg
Eccentricity (test load) ¹⁾	0.0006 mg (2 g)	0.001 mg (5 g)
Sensitivity offset (test weight)	0.018 mg (6 g)	0.03 mg (10 g)
Minimum sample weight (5% load, k=2, U=1%)	0.03 mg	0.06 mg
USP minimum sample weight (5% load, k=2, U=0.10%)	0.3 mg	0.6 mg
Settling time	< 10 s	< 15 s
Dimensions		
Weighing pan diameter (mm)	D 16	D 16

¹⁾ according to OIML R76;

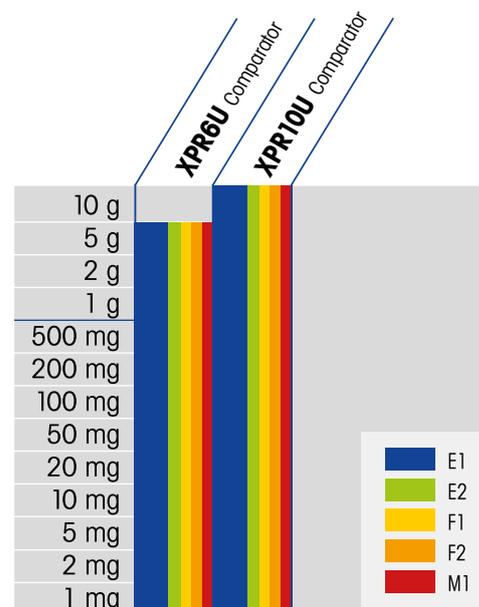
s: seconds; a: annum (year); sd: standard deviation

Features

Trustable Results	Magnetic Force Restoration weighing sensor with high resolution
	Active Temperature Control system (ATC™)
	Ensured traceability through MC Link
Efficient Operation	Included weight calibration software (MC Link)
	- Customer, weight, method and certificate management
	- End-to-end process guidance on two terminals
	- Touchless weighing process through process automation
Data Assurance	Safe weight handling through hook weighing pan
	Capacitive colored touchscreen with gesture control, glove compatible
	Method related tolerance profiles
	Password protection
	User management
	Audit-trail functionality
	Adjustment and routine test history
	Balance ready StatusLight™
Sustainable Value	LevelControl: Level warning with graphical levelling guide
	Temperature and time programmable proFACT
	Process & instrument assurance through MC Link
	Compact design with small footprint
	Optimized draft shield for easy cleaning
Overload protection	

Selected key accessories	Part No.
MC Link License - 1 MT Instrument	30208285
MC Link Upgrade - Multiplace License	30208289
MC Link Option - Barcode Package	30212767
MC Link Option - Audit Trail License	30208283
MC Link Validation Handbook	30212634
ClimaLog30 DAkks Certified	30078423
Klimet A30 incl. 1 Temp sensor DAkks Certified	222012
Reference Weight 5g E1 Certified	159111
CarePac 200mg E2, 5g E2	11123005
Other Accessories on Request	

► www.mt.com/Lab-Accessories



www.mt.com/Comparators

For more information



METTLER TOLEDO Group

Laboratory Weighing

Local contact: www.mt.com/contacts

Subject to technical changes

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