

## 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

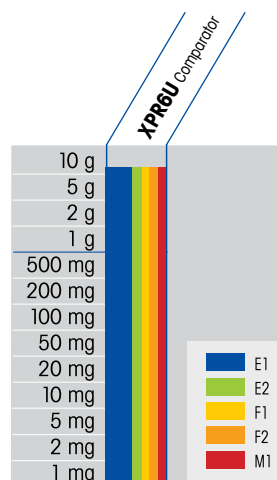
Limit values	XPR6U
Article	30279276
Maximum capacity	6.1 g
Readability	0.0001 mg
Electrical weighing range (from – to)	0 – 6.1 g
Repeatability absolute (nominal) (sd)	0.0004 mg (5 g)
Repeatability (5% load) (sd)	0.00025 mg (2 g)
Repeatability at nominal load (5x ABA)	0.0004 mg (5 g)
Repeatability at low load (5x ABA)	0.00025 mg (2 g)
Linearity deviation	0.004 mg
Eccentricity (test load) <sup>1</sup>	0.002 mg (2 g)
Sensitivity offset (test weight)	0.048 mg (6 g)
<b>Typical values</b>	
Repeatability (5% load) (sd)	0.00015 mg (2 g)
Repeatability at nominal load (5x ABA)	0.00027 mg (5 g)
Repeatability at low load (5x ABA)	0.00015 mg (2 g)
Linearity deviation	0.002 mg
Eccentricity (test load) <sup>1</sup>	0.0012 mg (2 g)
Sensitivity offset (test weight)	0.018 mg (6 g)
Minimum sample weight (5% load, k=2, U=1%)	0.03 mg
USP minimum sample weight (5% load, k=2, U=0.10%)	0.3 mg
Settling time	< 15 s
<b>Dimensions</b>	
Weighing pan diameter (mm)	D 16

<sup>1</sup>) according to OIML R76; <sup>2</sup>) in the temperature range 10 to 30°C; <sup>3</sup>) stability of sensitivity with proFACT self-adjustment switched on; s: seconds; a: annum (year); sd: standard deviation

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](http://www.mt.com/lab-accessories)

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



[www.mt.com/comparators](http://www.mt.com/comparators)

For more information



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Subject to technical changes  
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