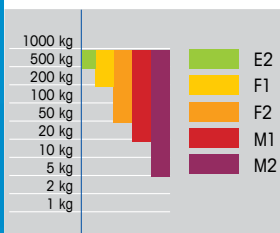


Efficiency and High Precision up to 5400 kg



Unrivalled Performance

Accomplish demanding calibrations or weight determination at peak accuracy. The XPE-KC comparators offer top resolution and excellent repeatability.



Secure Centering

With the integrated centering aid, precise placement of weights is supported and reproducibility is improved.



Utmost Reliability

The innovative LevelMatic mechanism eliminates corner load effects and thus increases the accuracy of your weighing results.



MC Link

MC Link software, focusing on the weight calibration process, guarantees efficient workflows, accurate and secure results assuring full traceability and compliance at all times.



Gas Filling Application

Mass measurement in hazardous environments is brought to a new level of accuracy for differential measurement technology.



XPE-KC and XS-KX Comparator Ultimate Performance at Highest Loads

Weighing loads up to 5400 kg with a high readability is easily achievable. METTLER TOLEDO XPE-KC and XS-KX comparators guarantee top measurement performance up to 5400 kg. Thanks to a resolution of up to 6 million points, accuracy is reached within shortest process times. The unique color touchscreen terminal allows convenient operation while MC Link guides you step-by-step through the process.






- Measure high loads with highest precision
- Secure placement of weights with centering aid
- Achieve highest accuracy with the optional LevelMatic pan
- Full process control through MC Link and on-display guidance
- Comply with regulations thanks to QM functions
- ATEX II 3G approval for applications in hazardous environments

METTLER TOLEDO XPE-KC and XS-KX comparators set the new standard in ultra loads and highest precision.

XPE-KC and XS-KX Comparators

Ultimate Performance at Highest Loads



Comparator	XPE155KSC XS155KXS 	XPE604KMC XS604KMX 	XPE1003KMC XS1003KMX 	XPE2003KLC XS2003KLX 	XPE6002KLC XS6002KLX 
Article No.	30210661 22026958 ¹⁾	30210662 22026939 ¹⁾	30210664 22026941 ¹⁾	30210665 22026942 ¹⁾	30210666 22026943 ¹⁾
Maximum load	150 kg	600 kg	1100 kg	2500 kg	5400 kg
Readability	0.05 g	0.1 g	0.5 g	1 g	10 g
Repeatability absolute	0.15 g	0.3 g	2 g	10 g	100 g
Repeatability at nominal load (5x ABA, measured at)	0.12 g (100 kg)	0.23 g (500 kg)	1.5 g (1000 kg)	7 g (2000 kg)	70 g (5000 kg)
Repeatability at low load (5x ABA, measured at)	0.09 g (5 kg)	0.15 g (20 kg)	1 g (50 kg)	4 g (100 kg)	50 g (500 kg)
Repeatability typical ABA	0.07 g + 3.2E-07 •Rgr	0.11 g + 1.5E-07 •Rgr	0.6 g + 4.2E-07 •Rgr	3 g + 1.3E-06 •Rgr	40 g + 4.2E-06 •Rgr
Electrical weighing range	0...150 kg	0...600 kg	0...1100 kg	0...2500 kg	0...5400 kg
Linearity (electrical weighing range)	2 g	10 g	20 g	100 g	300 g
Eccentric load deviation (at test load) ²⁾	5 g (50 kg)	40 g (200 kg)	40 g (200 kg)	120 g (1000 kg)	240 g (2000 kg)
Settling time	5 s	5 s	5 s	5 s	5 s
Adjustment built-in	proFACT	proFACT	proFACT	proFACT	proFACT
Adjustment with external weight	50...150 kg	200...600 kg	200...1000 kg	500...2500 kg	1000...5000 kg
Admissible Ambient Conditions					
Temperature (°C)	10...30	10...30	10...30	10...30	10...30
Max. temperature change (°C/12h)	1	1	1	1	1
Relative humidity (%)	40 - 70	40 - 70	40 - 70	40 - 70	40 - 70
Dimensions					
Weighing pan (mm)	800 x 600	1000 x 800	1000 x 800	1500 x 1250	1500 x 1250
Object diameter (D, mm)	0...600	0...800	0...800	0...1250	0...1250
Object height (H, mm)	-	-	-	-	-

¹⁾ Ex Zone model ATEX II 3G c Ex IIC T5 approved

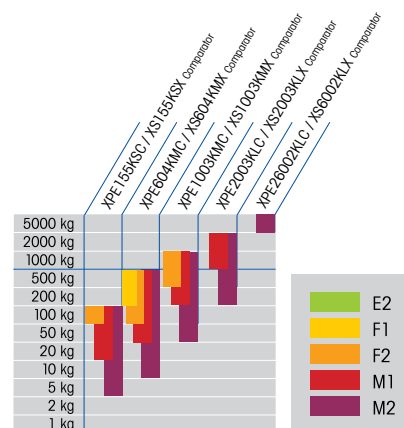
²⁾ Eccentricity error may be minimized through optional LevelMatic

Accessories

LevelMatic 1000 for XPE155KS, XPE604KM	22001940
LevelMatic 5000 for XPE1003KM, XPE2003KL, XPE6002KL	11116554
MC Link License - 1 MT Instrument	30208285
MC Link Upgrade - Multi-place License	30208289
MC Link Option - Barcode Package	30212767
MC Link Option - Audit Trail License	30208283
MC Link Validation Handbook	30212634
ClimaLog30	30078423
Ethernet Option	11132515
RS9-RS9 (m/f) Cable, 1 m	11101051
8 x RS232 Serial Port Server	30212768
P-58RUE Printer	30094674
Draftshield XP-WKS for XPE155KS	11116556
Draftshield XP-WKM for XPE604KM, XPE1003KM	11116557
Draftshield XP-WKL for XPE2003KL, XPE6002KL	11116558
Reference Weight F1 100 kg Certified	30037863
Reference Weight F1 500 kg Certified	30037865
Reference Weight F1 1000 kg Certified	30037866
Reference Weight M1 2000 kg Certified	11125510
Reference Weight M1 5000 kg Certified	11125511
PSX2 Ex Zone power supply	11132730
IND690 XX Desk terminal	22011903
Scales interface for SICS scales	22011953
Connection cable for SICS scales	22006795
Connection cable for LabTec EX (Power supply via IND690)	22015128
Other Accessories on Request	

Standard Equipment

- Platform in stainless steel for best quality
- SmartScreen touchscreen display for comfortable and secure operation
- SmartSens for handsfree operation
- Centering aid for precise placement of artefacts
- proFACT fully automatic time and / or temperature controlled internal adjustment and linearization
- MCLink software for fast and easy mass calibration with secure results



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For more information