

## Peak Performance up to 64 kg



### SmartScreen

The color touchscreen display with user-guidance enables convenient and error-free operation.



### LevelMatic – Performance

Utmost reliability and accuracy thanks to LevelMatic, an innovative mechanism that eliminates corner load effects.



### Draft Shield

For enhanced measurement stability in all environments due to the elimination of air draft influences.



### MC Link

The innovative software solution for weight calibration guarantees efficient workflows, accurate and secure results assuring full traceability and compliance at all times.



### XPE-LC Comparators – High Load Line High-Performance Comparators

The XPE-LC mass comparator range from METTLER TOLEDO guarantees top measurement performance and full traceability up to 64 kg.

Thanks to a resolution of up to 26 million points and the LevelMatic mechanism, measurements can be performed rapidly whilst maintaining peak accuracy to fulfill the highest demands in mass determination.



The unique color touchscreen terminal makes operation as simple as possible. MC Link, the revolutionary mass calibration software, guides you step by step through the process and includes air buoyancy correction for best results. A set of built-in QM functions effectively enforces quality guidelines, which guarantees compliance.

The new XPE-LC comparators: the top choice for mass laboratories and calibration service providers worldwide.

# XPE-LC Comparators – High Load Line

## Peak Performance up to 64 kg



Comparator	XPE26003LC XS26003LX 	XPE64003LC XS64003LX 	XPE32003LC	XPE64002LC
Article No.	30138755 30004710*	30138758 30004720*	30138756	30138757
Maximum load	26.1 kg	64.1 kg	32.1 kg	64.1 kg
Readability	1 mg	5 mg	5 mg	10 mg
Repeatability absolute	6 mg	13 mg	15 mg	35 mg
Repeatability at nominal load (5x ABA, measured at)	3 mg (25 kg)	8 mg (50 kg)	10 mg (30 kg)	25 mg (50 kg)
Repeatability at low load (5x ABA, measured at)	2 mg (1 kg)	4 mg (5 kg)	5 mg (2 kg)	10 mg (5 kg)
Repeatability typical ABA	1.5mg + 5x10 <sup>-8</sup> •Rgr	3.5 mg + 7x10 <sup>-8</sup> •Rgr	4 mg + 2x10 <sup>-7</sup> •Rgr	8 mg + 3x10 <sup>-7</sup> •Rgr
Electrical weighing range	0...26100 g	0...64100 g	0...32100 g	0...64100 g
Linearity (electrical weighing range)	±25 mg	±50 mg	±40 mg	±50 mg
Eccentric load deviation (at test load)	0.0 g (10 kg)	0.0 g (25 kg)	0.25 g (10 kg)	0.4 g (25 kg)
Settling time	8 ... 12 s	8 ... 12 s	8 ... 12 s	8 ... 12 s
Adjustment built-in	proFACT	proFACT	proFACT	proFACT
Adjustment with external weight	5...25 kg	10...60 kg	5...30 kg	10...60 kg
<b>Admissible Ambient Conditions</b>				
Temperature (°C)	10...30	10...30	10...30	10...30
Max. temperature change (°C/12h)	0.5	0.5	0.5	0.5
Relative humidity (%)	40 - 70	40 - 70	40 - 70	40 - 70
<b>Dimensions</b>				
Weighing pan (mm)	∅ 220	∅ 220	360 x 280	360 x 280
Object diameter (D, mm)	0...220	0...220	0...280	0...280
Object height (H, mm)	0...395	0...395	–	–

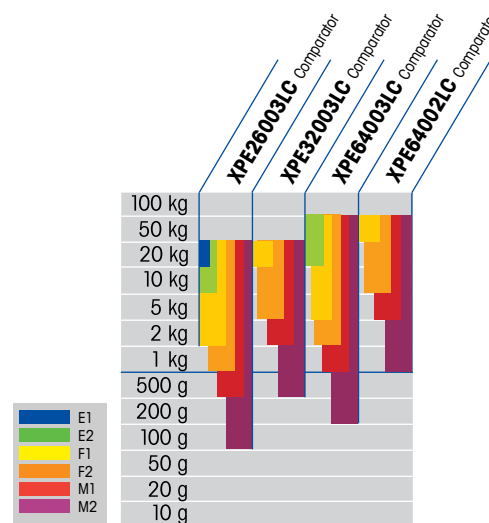
\* Ex Zone model ATEX II 3G c Ex IC IIC T5 approved

### Accessories

MC Link License - 1 MT Instrument	30208285	Ethernet Option	11132515
MC Link Upgrade - Multi-place License	30208289	RS9-RS9 (m/f) Cable, 1 m	11101051
MC Link Option - Barcode Package	30212767	8 x RS232 Serial Port Server	30212768
MC Link Option - Audit Trail License	30208283	Reference Weight E1 20 kg Certified	159221
MC Link Validation Handbook	30212634	Reference Weight E1 50 kg Certified	159231
ClimaLog30	30078423	Draft Shield XP W64	11134470
P-58RUE Printer	30094674		
Other Accessories on Request			

### Standard Equipment

- MC Link - PC software for efficient and secure mass calibration
- SmartScreen color touchscreen display for comfortable and secure operation
- LevelMatic for elimination of corner load effects (excl. XPE32003LC, XPE64002LC)
- Draft shield for enhanced measurement stability
- Real time LevelControl with guidance for corrective measures
- proFACT fully automatic time and / or temperature controlled internal adjustment and linearisation



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