

## Allrounders up to 10 kg



### SmartScreen

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



### Performance – LevelMatic

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



### Operation – Ergonomic

The enhanced touchscreen user-interface offers tireless, intuitive comparator operation. SmartSens sensors allow you to open/close draft shield doors with the wave of a hand.



### One-Click Certificate

Using METTLER TOLEDO software, all weighing results are displayed directly on a PC and stored in a database. Predefined certificates support straightforward certificate printing while all calibration data is fully traceable and available for quality and accreditation purposes.



### XPE-SC Comparators

#### Wide Range at Unrivaled Repeatability

METTLER TOLEDO XPE-SC comparators are equipped with the highly accurate MonoBloc weighing cell, guaranteeing everyday world-class performance up to 10 kg. Thanks to state-of-the-art electronics, LevelMatic and draft shields, accuracy and repeatability is peak. StatusLight™ and SmartSens enable convenient operation while MC Link guides you step-by-step through the mass determination process. A set of built-in QM functions effectively enforces quality guidelines, which ensures full regulatory compliance.

XPE-SC comparators – the versatile comparators for mass determination laboratories and calibration service providers.

# XPE SC-Line Comparators

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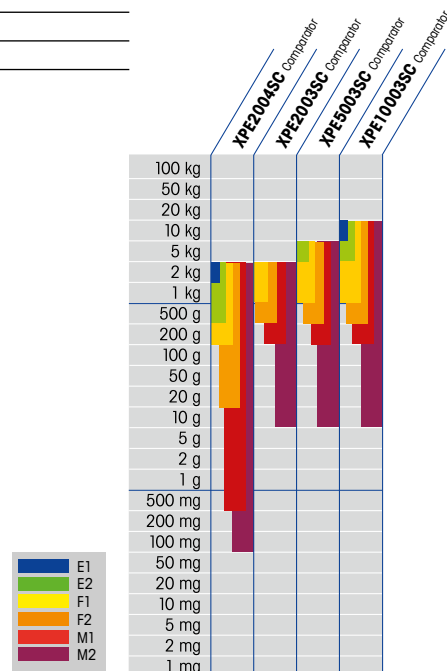
Comparator	XPE2003SC	XPE2004SC XS2004SX	XPE5003SC	XPE10003SC
Article No.	30138750	30138751 30004707	30138752	30138754
Maximum load	2300 g	2300 g	5100 g	10100 g
Readability	1 mg	0.1 mg	1 mg	1 mg
Repeatability absolute	2 mg	1 mg	3.5 mg	3.5 mg
Repeatability at nominal load (5x ABA, measured at)	1 mg (2 kg)	0.25 mg (2 kg)	0.8 mg (5 kg)	1 mg (10 kg)
Repeatability at low load (5x ABA, measured at)	0.8 mg (100 g)	0.1 mg (100 g)	0.7 mg (200 g)	0.8 mg (500 g)
Repeatability typical ABA	0.5mg + 1x10 <sup>-7</sup> • Rgr	0.07mg + 5x10 <sup>-8</sup> • Rgr	0.55mg + 2x10 <sup>-8</sup> • Rgr	0.6mg + 2x10 <sup>-8</sup> • Rgr
Electrical weighing range	0...2300 g	0...2300 g	0...5100 g	0...10100 g
Linearity (electrical weighing range)	±5 mg	±1 mg	±3 mg	±7 mg
Eccentric load deviation	4.0 mg (1 kg)	0.0 mg (1 kg)	0.0 mg (2 kg)	0.0 mg (5 kg)
Settling time	3.5 s	3.5 s	3.5 s	3.5 s
Adjustment built-in	proFACT	proFACT	proFACT	proFACT
Adjustment with external weight	1...2 kg	1...2 kg	1...5 kg	2...10 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)	125x125	∅ 130	∅ 130	∅ 130
Object diameter (D, mm)	0...125	0...130	0...130	0...130
Object height (H, mm)	0...248	0...228	0...228	0...335

### 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 2 kg Certified	159191
MC Link Validation Handbook	30212634	Reference Weight E1 5 kg Certified	151201
ClimaLog30	30078423	Reference Weight E1 10 Kg Certified	159211
P-5BRUE Printer	30094674		
Other Accessories on Request			

### Standard Equipment

- MC Link - PC software for efficient and secure mass calibration
- Color touchscreen with StatusLight™ for status indication
- SmartSens for handsfree operation
- Levelmatic for minimal corner load error (excl. XPE2003SC)
- Real time LevelControl with LevelGuide for corrective measures
- Detachable draft shield for easy cleaning
- proFACT fully automatic time and / or temperature controlled internal adjustment and linearisation



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 Printed in Switzerland 11795456  
 Global MarCom Switzerland

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