

## Peak Performance up to 520g



### SmartScreen

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



### Performance – Hanging Pan

To improve weighing performance the hanging weighing pan eliminates eccentricity errors resulting from off-center loading.



### 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.



### Traceable Results

Using METTLER TOLEDO software, all weighing results are sent directly to a PC and stored in a database. All calibration data is therefore fully traceable and available at any time for quality or accreditation purposes.



### XPE-C Micro Comparators

#### When the Smallest Difference Counts

METTLER TOLEDO micro comparators guarantee top measurement performance and full traceability of weighing results. Thanks to the hanging weighing pan, accuracy and repeatability is peak. StatusLight™ and SmartSens enables 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.

The XPE26C, XPE56C, XPE205CDR and XPE505C comparators – the top choice of mass determination laboratories and calibration service providers worldwide.

# XPE-C Micro Comparators

## Peak Performance up to 520g



| Comparator                                          | XPE26C<br>                        | XPE56C<br>                        | XPE205CDR<br>                        | XPE505C<br>                         |
|-----------------------------------------------------|-----------------------------------|-----------------------------------|--------------------------------------|-------------------------------------|
| Article No.                                         | 30137966                          | 30137970                          | 30137974                             | 30137978                            |
| Maximum load                                        | 22 g                              | 52 g                              | 220 g                                | 520 g                               |
| Readability                                         | 1 µg                              | 1 µg                              | 0.01 / 0.1 mg                        | 0.01 mg                             |
| Repeatability absolute                              | 1.5 µg                            | 4.5 µg                            | 0.06 mg                              | 0.06 mg                             |
| Repeatability at nominal load (5x ABA, measured at) | 1.5 µg (20 g)                     | 3 µg (50 g)                       | 0.05 mg (200 g)                      | 0.035 mg (500g)                     |
| Repeatability at low load (5x ABA, measured at)     | 0.7 µg (1 g)                      | 0.7 µg (2 g)                      | 0.015 mg (10 g)                      | 0.01 mg (20 g)                      |
| Repeatability typical ABA                           | 0.6 µg + 3x10 <sup>-8</sup> • Rgr | 0.6 µg + 4x10 <sup>-8</sup> • Rgr | 0.007 mg + 5x10 <sup>-08</sup> • Rgr | 0.08 mg + 4.x10 <sup>-8</sup> • Rgr |
| Electrical weighing range                           | 0...22 g                          | 0...52 g                          | 220 g                                | 520 g                               |
| Linearity (electrical weighing range)               | ±0.006 mg                         | ±0.02 mg                          | ±0.2 mg                              | ±0.2 mg                             |
| Eccentric load deviation                            | 0.00 mg (20 g)                    | 0.00 mg (50 g)                    | 0.2 mg (200 g)                       | 0.2 mg (500 g)                      |
| Settling time                                       | 3.5 s                             | 3.5 s                             | 5 s                                  | 5 s                                 |
| Adjustment built-in                                 | ProFACT                           | ProFACT                           | ProFACT                              | ProFACT                             |
| Adjustment with external weight                     | 5...20 g                          | 10...50 g                         | 100...200 g                          | 100...500 g                         |
| <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)                                   | ∅ 35 / 40 x 40                    | ∅ 35 / 40 x 40                    | 78 x 73                              | 78 x 73                             |
| Object diameter (D, mm)                             | 0...35                            | 0...35                            | 0...73                               | 0...73                              |

### 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 g Certified  | 159131   |
| MC Link Validation Handbook           | 30212634 | Reference Weight E1 50 g Certified  | 151141   |
| ClimaLog30                            | 30078423 | Reference Weight E1 200 g Certified | 159161   |
| P-58RUE Printer                       | 30094674 | Reference Weight E1 500 g Certified | 159171   |
| Other Accessories on Request          |          |                                     |          |

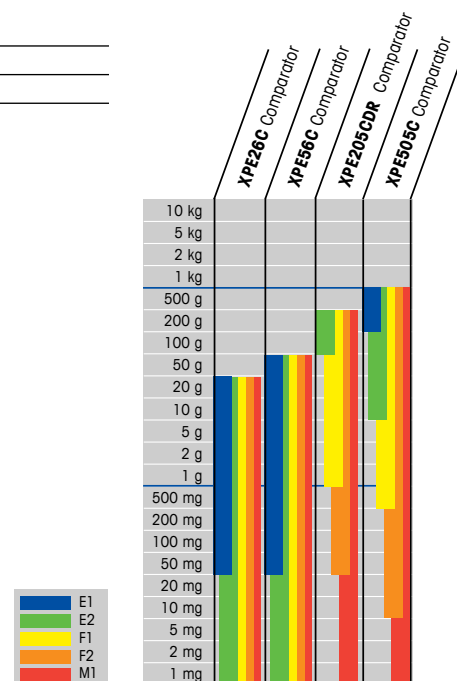
### Standard Equipment

- MC Link – PC software for efficient and secure mass calibration
- Color touchscreen with StatusLight™ for status indication
- SmartSens for handsfree operation
- Standard grid pan
- Real time LevelControl with guidance for corrective measures
- Detachable draft shield for easy cleaning

### Special Equipment

#### XPE26C & XPE56C Comparator

- Hanging weighing pan
- Motorized inner draft shield doors



Subject to technical changes  
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