

Peak performance up to 520 g XP Micro Comparators



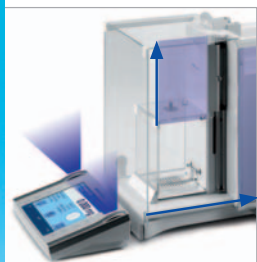
SmartScreen

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



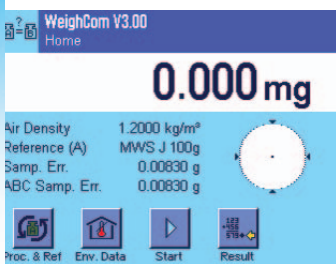
Hanging Pan

More reliability thanks to the hanging pan, which eliminates any corner load error effect.



SmartSens

The programmable infrared sensors allow handsfree operation of the balance.



Straight forward results

At a push of a button on the touchscreen, secure results are obtained. Selection of processes, references and air buoyancy correction enable full flexibility.

LevelControl

The XP alerts you when it is not correctly leveled and proposes corrective action on the display, thus guaranteeing secure results at any time.



XP 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. SmartScreen and SmartSens make operation as convenient as can be and the application WeighCom 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 XP26, XP56, XP205CDR and XP505 Comparators – the top choice of mass determination laboratories and calibration service providers worldwide.

XP Micro Comparators

Peak performance up to 520g



| Technical data | XP26 Comparator | XP56 Comparator | XP205CDR | XP505 Comparator |
|--|---------------------------------|---------------------------------|----------------------------------|----------------------------------|
| Maximum capacity | 22 g | 52 g | 220 g | 520 g |
| Readability | 0.001 mg | 0.001 mg | 0.1 mg | 0.01 mg |
| Readability fine range | – | – | 0.01 mg | – |
| Repeatability at nom. load 5 ABA (meas. at) | 0.0015 mg (20 g) | 0.003 mg (50 g) | 0.050 mg (200g) | 0.035 mg (500 g) |
| Repeatability typical 5 ABA | 0.0007 mg + 0.000 004% · Rgr | 0.0007 mg + 0.000 004% · Rgr | 0.007 mg + 0.000 008 4% · Rgr | 0.008 mg + 0.000 004 5% · Rgr |
| Linearity | 0.006 mg | 0.020 mg | 0.15 mg | 0.2 mg |
| Eccentric load deviation (at) | 0.00 mg (20 g) | 0.00 mg (50 g) | 0.25 mg (100 g) | 0.2 mg (200 g) |
| Electrical weighing range | 22 g | 52 g | 220 g | 520 g |
| Taring range | 0 ... 22 g | 0 ... 52 g | 0 ... 220 g | 0 ... 520 g |
| Settling time | 3.5 s | 3.5 s | 1.5 s | 5 s |
| Adjustment built in | ProFACT | ProFACT | ProFact | ProFACT |
| Adjustment with external weights | 5 ... 20 g | 10 ... 50 g | 200 g | 100 ... 500 g |
| Standard equipment | | | | |
| Application software | Weighing / WeighCom | Weighing / WeighCom | Weighing / WeighCom | Weighing / WeighCom |
| Touchscreen | Included | Included | Included | Included |
| SmartSens | Included | Included | Included | Included |
| Auto door | Included | Included | Included | Included |
| Self centering pan | Included | Included | NA | NA |
| Admissible ambient conditions | | | | |
| Temperature | 10...30 °C | 10...30 °C | 10...30 °C | 10...30 °C |
| Max. temperature change | 0.3 °C/1 h; 0.5 °C/12 h | 0.3 °C/1 h; 0.5 °C/12 h | 0.3 °C/1 h; 0.5 °C/12 h | 0.3 °C/1 h; 0.5 °C/12 h |
| Relative air humidity | 40...70 % | 40...70 % | 40...70 % | 40...70 % |
| Dimensions | | | | |
| Dimensions grid weighing pan (W x D) | 40 x 40 mm | 40 x 40 mm | 78 x 73 mm | 78 x 73 mm |
| Dimensions hanging weighing pan | ∅ 35 mm | ∅ 35 mm | – | – |
| Balance dimensions (W x D x H) | 263 x 487 x 322 mm | 263 x 487 x 322 mm | 263 x 487 x 322 mm | 263 x 487 x 322 mm |
| Object Diameter (D) | 35 mm | 35 mm | 73 mm | 73 mm |
| Usable height of outer draft shield | 235 mm | 235 mm | 235 mm | 235 mm |
| Usable height of inner draft shield/grid wg. pan | 111 mm | 111 mm | – | – |
| Usable height with hanging weighing pan | 72 mm | 72 mm | – | – |
| Weight | 11.5 kg | 11.5 kg | 10.0 kg | 10.0 kg |

Accessories

| | | | |
|---|----------|---|----------|
| Software MC Link | 11116504 | LC-RS9 cable for LocalCAN | 229065 |
| RS-P42 printer with RS232 connection | 229265 | LocalCAN (interface) | 11132505 |
| BT-P42 printer with wireless Bluetooth connection | 11132540 | Terminal extension cable 4.5 m | 11600517 |
| Foot-operated switch for balance functions | 11106741 | RS9-RS9 (m/f) cable, 1 m | 11101051 |
| ErgoSens for handsfree operation | 11132601 | Stand for printer | 11106730 |
| RS232 C (interface) | 11132500 | SE-Kit XP-A (Separ. evaluation equipment) | 11106743 |
| Bluetooth BTS single-point (interface) | 11132535 | Integrable Antistatic-kit | 11107761 |
| Bluetooth BT multi-point (interface) | 11132530 | Reference weight E1 20 g SCS certified | 159131 |
| Ethernet (interface) | 11132515 | Reference weight E1 50 g SCS certified | 159141 |
| PS2 keyboard connection (interface) | 11132520 | Reference weight E1 500 g SCS certified | 159171 |

Other accessories on request

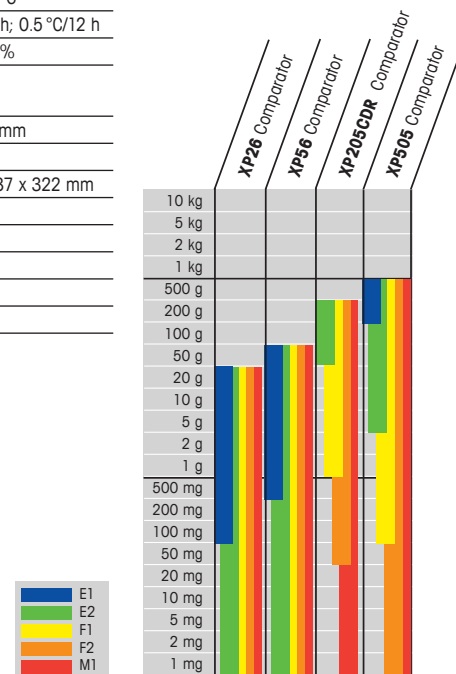
Standard equipment

- SmartScreen color touchscreen display for comfortable and secure operation
- SmartSens for handsfree operation
- Standard grid pan
- LevelControl warns you when the balance is not leveled
- Built-in RS232 and plus 7 optional interfaces available
- Motorized draft shield doors
- Completely dismantable draft shield for easy cleaning
- Protective cover for the terminal
- Production certificate

Special equipment

XP26 & XP56 Comparator

- Hanging weighing pan
- Motorized inner draft shield doors



Subject to technical changes
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For more information