

## Peak performance up to 520 g XP Micro Comparators



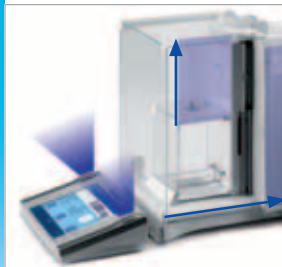
### SmartScreen

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.



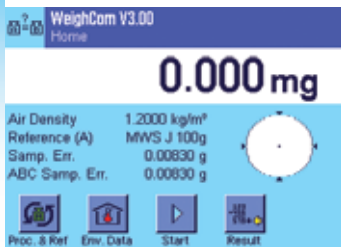
### SmartSens

The programmable infrared sensors allow handsfree operation of the balance.



### XP Micro Comparators

When the smallest difference counts



### 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.

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 and XP505 Comparators – the top choice of mass determination laboratories and calibration service providers worldwide.

### 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

Peak performance up to 520 g



Technical data	XP26 Comparator 	XP56 Comparator 	XP505 Comparator 
Maximum capacity	22 g	52 g	520 g
Readability	0.001 mg	0.001 mg	0.01 mg
Repeatability at nom. load 5 ABA (meas. at)	0.0015 mg (20 g, ABA)	0.003 mg (50 g, ABA)	0.035 mg (500 g, ABA)
Repeatability typical 5 ABA	0.0007 mg + 4x10 <sup>-8</sup> ·Rgr	0.0007 mg + 4x10 <sup>-8</sup> ·Rgr	0.008 mg +4.5x10 <sup>-8</sup> ·Rgr
Linearity	0.006 mg	0.020 mg	0.2 mg
Eccentric load deviation (at)	0.00 mg (20 g)	0.00 mg (50 g)	0.2 mg (200 g)
Electrical weighing range	22 g	52 g	520 g
Taring range	0 .. 22 g	0 .. 52 g	0 .. 520 g
Settling time	3.5 s	3.5 s	5 s
Adjustment built in	ProFACT	ProFACT	ProFACT
Adjustment with external weights	5 .. 20 g	10 .. 50 g	100 .. 500 g

Standard equipment			
Application software	Weighing / WeighCom	Weighing / WeighCom	Weighing / WeighCom
Touchscreen	Included	Included	Included
SmartSens	Included	Included	Included
Auto door	Included	Included	Included
Self centering pan	Included	Included	NA

Admissible ambient conditions			
Temperature	10 .. 30 °C	10 .. 30 °C	10 .. 30 °C
Max. temperature change	0.3°C/1 h; 0.5°C/12h	0.3°C/1 h; 0.5°C/12h	0.3°C/1 h; 0.5°C/12h
Relative air humidity	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
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
Object Diameter (D)	35 mm	35 mm	73 mm
Usable height of outer draft shield	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

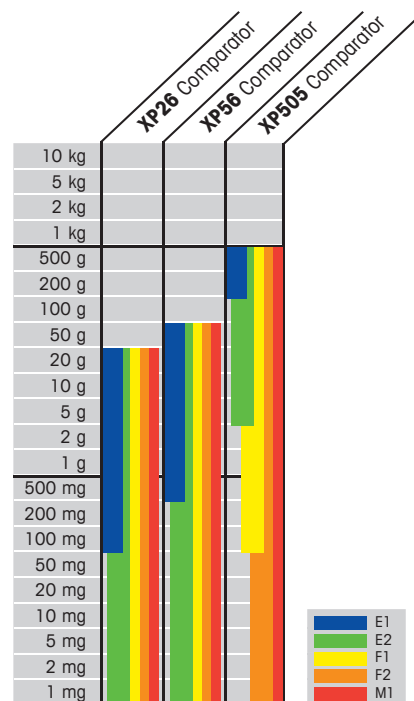
Accessories			
Software MC Link	11116504	LC-RS9 cable for LocalCAN	229065
RS-P42 printer with RS232 connection	229265	LocalCAN (interface)	11132505
BT-P42 printer with wireless Bluetooth connection	11132540	Terminal extension cable 4.5 m	11600517
Foot-operated switch for balance functions	11106741	RS9-RS9 (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



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 Environment certificate ISO 14001  
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