

Comparator Balances

Peak Performance

up to 64 kg



SmartScreen

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



LevelMatic

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



Draft shield

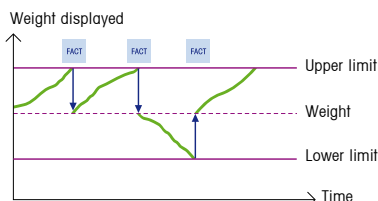
For enhanced measurement stability in all environments due to the elimination of air draft influences.



WeighCom application

With enhanced process settings, database functions and clear user guidance, complex processes are solved in a simple way.

ProFact calibration
Fully automatic time and temperature controlled adjustment



XP-L Comparator - High Load Line

High-performance Comparator Balances

METTLER TOLEDO comparators guarantee top measurement performance and full traceability of the weighing results up to 64 kg. Thanks to a resolution of up to 26 million points and the LevelMatic mechanism, accuracy is peak at shortest process times to fulfill the highest demands in mass determination.

The unique color touchscreen terminal makes operation as convenient as can be. WeighCom, the built-in application for mass determination, guides you step by step through the process and includes air buoyancy correction for best results. And a set of built-in QM functions effectively enforces quality guidelines – for full regulatory compliance.

The new XP-L Comparator - High Load Line: the top choice for mass laboratories and calibration service providers worldwide.

METTLER TOLEDO

XP-L Comparator - High Load Line

	XP26003L	XP32003L	XP64003L
Maximum capacity	26.1 kg	32.1 kg	64.1 kg
Readability	1 mg	5 mg	5 mg
Repeatability at nominal load (measured at)	3 mg (26 kg, ABA)	10 mg (30 kg, ABA)	8 mg (60 kg, ABA)
Typical repeatability ¹⁾	1.5 mg + 6x10 ⁻⁸ •Rgr ⁵⁾	4 mg + 2x10 ⁻⁷ •Rgr	3.5 mg + 8x10 ⁻⁸ •Rgr
Linearity	25 mg	40 mg	50 mg
Eccentric load deviation (test load) ²⁾	0.0 g* (8 kg)	0.25 g (12 kg)	0.0 g* (24 kg)
Sensitivity offset	1 x 10 ⁻⁵ •Rnt ⁶⁾	1 x 10 ⁻⁵ •Rnt	1.5 x 10 ⁻⁵ •Rnt
Sensitivity temperature drift ³⁾	3 x 10 ⁻⁶ /°C•Rnt	3 x 10 ⁻⁶ /°C•Rnt	3 x 10 ⁻⁶ /°C•Rnt
Sensitivity stability ⁴⁾	1.5 x 10 ⁻⁵ / a•Rnt	2 x 10 ⁻⁵ / a•Rnt	1.5 x 10 ⁻⁵ / a•Rnt
Weighing time, typical	8...12 s	8...12 s	8...12 s
Settling time	6 s	6 s	6 s
Update-rate interface	23 / s	23 / s	23 / s
Internal adjustment	proFACT	proFACT	proFACT
Adjustment with external weight	≥5 kg	≥5 kg	≥10 kg

Standard equipment

	XP26003L	XP32003L	XP64003L
Draft shield	included	optional	included
LevelMatic weighing pan	included	n/a	included
Weighing pan dimensions	ø 220 mm	360 x 280 mm	ø 220 mm
Free space above weighing pan	350 mm		350 mm

Allowable ambient conditions

	XP26003L	XP32003L	XP64003L
Temperature (°C)	10 .. 30 °C	10 .. 30 °C	10 .. 30 °C
Max. temperature change (°C /24h)	0.5	0.5	0.5
Relative air humidity (%) (±2%)	40 - 70	40 - 70	40 - 70

Dimensions

	XP26003L	XP32003L	XP64003L
Balance (WxDxH, mm)	360x280x185	360x280x130	360x280x185
Net weight	15.7 kg	10.7 kg	15.7 kg
Draft shield (WxDxH, mm)	550x470x580	optional	550x470x580
Display unit (WxDxH, mm) / net weight	194x133x58 / 1.2 kg	194x133x58 / 1.2 kg	194x133x58 / 1.2 kg
AC adapter (WxDxH, mm) / net weight	108x67x37 / 0.3 kg	108x67x37 / 0.3 kg	108x67x37 / 0.3 kg

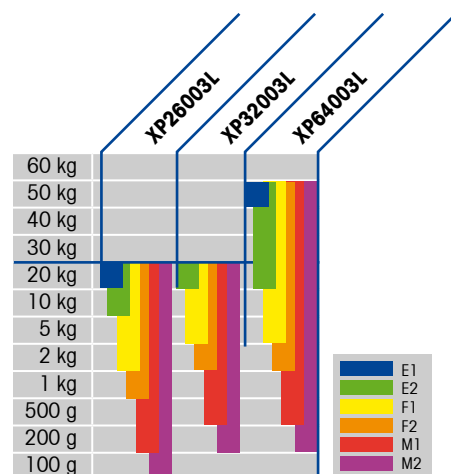
1) To be used for estimation of uncertainty 2) According to OIML R76 (*with LevelMatic) 3) In the temperature range 10...30°C
4) Stability of sensitivity as from first installation with proFACT 5) Rgr = Gross weight 6) Rnt = Net weight

Accessories

Software MC Link	11116504	PS2 keyboard connection (interface)	11132520
RS-P42 printer with RS232 connection	229265	Bluetooth BT multi-point (interface)	11132530
BT-P42 printer with wireless Bluetooth connection	11132540	LC-RS9 cable for LocalCAN	229065
Foot-operated switch for balance functions	11106741	Terminal extension cable 4.5 m	11600517
ErgoSens for handsfree operation	11132601	RS9-RS9 (m/f) cable, 1 m	11101051
RS232 C (interface)	11132500	Reference weight E1 20 Kg SCS certified	159221
Bluetooth BTS single-point (interface)	11132535	Reference weight E1 50 Kg SCS certified	159231
LocalCAN (interface)	11132505		
Ethernet (interface)	11132515	Other accessories on request	

Standard equipment

- SmartScreen color touchscreen display for comfortable and secure operation
- SmartSens for handsfree operation
- LevelMatic for elimination of corner load effects
- Draft shield for enhanced measurement stability
- LevelControl warns you when balance is not leveled
- proFACT fully automatic time and / or temperature controlled internal adjustment and linearisation
- Weighing and WeighCom application with user guidance and protection of sensitive data
- WeighCom application with air buoyancy correction
- Slot for second interface (7 Options)
- Production certificate



XP32003L



XP26003L
XP64003L