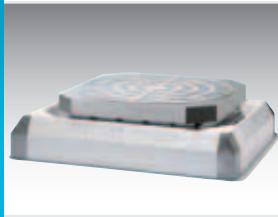


## Weigh Loads up to 5400 kg Efficiently with High Precision

1000 kg				E2
500 kg				F1
200 kg				F2
100 kg				M1
50 kg				M2
20 kg				
10 kg				
5 kg				
2 kg				
1 kg				



### Accuracy at all times

ProFact tracks temperature as well as time and starts fully automated adjustments whenever they are required.

### Unrivalled performance

Accomplish demanding calibrations or weight determination at peak accuracy. The XP-K Comparators offer top resolution and excellent repeatability.

### Secure centering

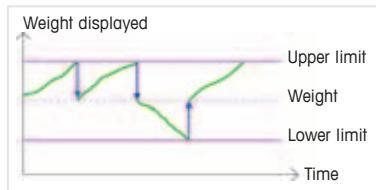
With the integrated centering aid, precise placement of weights is supported and reproducibility is improved.

### Utmost reliability

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

### 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.








### XP-K Comparator – Ultra Load Line Ultimate performance at highest loads

Weighing loads up to 5400kg with a high readability is implicit: METTLER TOLEDO XP-K Comparators guarantee top measurement performance up to 5400kg. Thanks to a resolution of up to 6 million points, accuracy is reached within shortest process times. The unique color touchscreen terminal allows convenient operation and the application guides you step by step towards the final result.

- Weigh high loads with highest precision
- Secure placement of weights with centering aid
- Achieve highest accuracy with the optional LevelMatic pan
- Touchscreen operation for straight forward results
- Comply with regulations thanks to QM functions

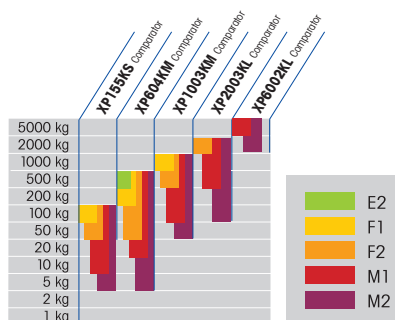
METTLER TOLEDO XP-K Comparators set the new standard in ultra loads and highest precision.

## Technical data

	 <b>XP155KS</b>	 <b>XK604KM</b>	 <b>XP1003KM</b>	 <b>XP2003KL</b>	 <b>XP6002KL</b>
Maximum Capacity	150 kg	600 kg	1100 kg	2500 kg	5400 kg
Readability	0.05 g	0.1 g	0.5 g	1 g	10 g
Repeatability at nominal load 5 ABA	0.12 g (100kg)	0.23 (500kg)g	1.5 g (1000kg)	7 g (2000kg)	70 g (5000kg)
Repeatability typical 5ABA 2)	0.06g+3.2E-07 * Rgr	0.11g+6.3E-08 * Rgr	0.6 g+4.2E-07 * Rgr	3g+1.3E-06 * Rgr	40g+4.2E-06 * Rgr
Linearity (electrical weighing range)	2 g	10 g	20 g	100 g	300 g
Eccentric load deviation (af) 1)	5 g (50kg)	40 g (200kg)	40 g (200kg)	120 g (1000kg)	240 g (2000kg)
Electrical weighing range	150kg	600kg	1100kg	2500kg	5400kg
Taring range	0 .. 150kg	0 .. 600kg	0 .. 1100kg	0 .. 2500kg	0 .. 5400kg
Settling time	5 s	5 s	5 s	5 s	5 s
Adjustment built-in	ProFACT	ProFACT	ProFACT	ProFACT	ProFACT
Adjustment with external weight	50 .. 150kg	200 .. 600 kg	200 .. 1000kg	500 .. 2500 kg	1000 .. 5000 kg
<b>Standard equipment</b>					
Application software	Weighing / WeighCom	Weighing / WeighCom	Weighing / WeighCom	Weighing / WeighCom	Weighing / WeighCom
Touch screen	Included	Included	Included	Included	Included
SmartSens	Included	Included	Included	Included	Included
Industry terminal (IND)	Optional	Optional	Optional	Optional	Optional
Draft shield XP-W	Optional	Optional	Optional	Optional	Optional
Self centering pan	Optional	Optional	Optional	Optional	Optional
<b>Admissible ambient conditions</b>					
Temperature (°C)	10 .. 30 °C	10 .. 30 °C	10 .. 30 °C	10 .. 30 °C	10 .. 30 °C
Max. temperature change	0.7°C/1 h; 1.0°C/12h	0.7°C/1 h; 1.0°C/12h	0.7°C/1 h; 1.0°C/12h	0.7°C/1 h; 1.0°C/12h	0.7°C / 1 h ; 1.0°C / 12h
Relative air humidity (%)	40 .. 70	40 .. 70	40 .. 70	40 .. 70	40 .. 70
<b>Dimensions</b>					
Weighing pan (mm)	800 x 600	1000 x 800	1000 x 800	1500x1250	1500x1250
Balance (WxDxH, mm)	800x600x130	1000x800x115	1000x800x115	1500x1250x182	1500x1250x182
Object Diameter (D, mm)	≤ 600	≤ 800	≤ 800	≤ 1250	≤ 1250
Weight [kg]	54	93	93	382	382

## Accessories

LevelMatic 1000 for XP155S, XP604KM	22 001 940	RS9-RS9-Cable (m/f), 1 m	11 101 051
LevelMatic 5000 for XP1003KM, XP2003KL, XP6002KL	11 116 554	RS/LC-BLD auxiliary display	00 224 200
Draftshield XP-WKS for XP155KS	11 116 556	IND690 terminal	22 011 901
Draftshield XP-WKM for XP604KM, XP1003KM	11 116 557	Reference weight F1 50 kg certified	00 158 741
Draftshield XP-WKL for XP2003KL, XP6002KL	11 116 558	Reference weight F1 100 kg certified	On request
Software-MC-Link	11 116 504	Reference weight F1 500 kg certified	On request
LabX light balance	11 120 317	Reference weight F1 1000 kg certified	On request
RS-P42 printer with RS 232 connection	00 229 265	Reference weight F1 2000 kg certified	On request
Other accessories on request			



## Standard equipment

- Platform in stainless steel for best quality
- SmartScreen color touchscreen display for comfortable and secure operation
- SmartSens for handsfree operation
- Centering aid for precise placement of weights
- proFACT fully automatic time and / or temperature controlled internal adjustment and linearization
- Weighing and WeighCom application with user guidance, protection of sensitive data and air buoyancy correction
- Production certificate



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