

## Reliable Results for Years to Come

### Follow the Green Light



#### Extremely Durable

Thanks to the built-in overload protection, which ensures the weighing cell is fully safeguarded against excessive loads, these robust balances can withstand even the toughest of working environments.



#### Dosing Flexibility

The 15 and 20 kg capacity models easily accommodate typical-sized formulations. Combined with 10 mg readability, smaller quantities can be accurately weighed directly into the same tare container.



#### Optimized Processes

Connect a barcode reader for easy sample identification. Send results to a wireless printer outside your immediate working area. Connectivity options enable you to optimize working processes to be more ergonomic and efficient. E.g. RS232, Ethernet, Bluetooth.



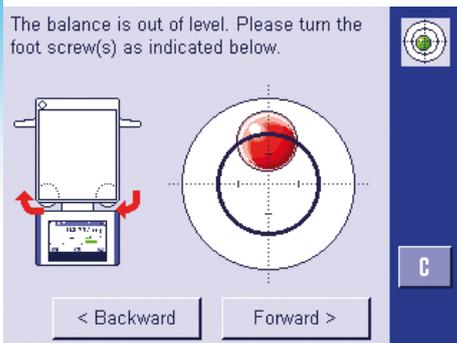
#### XPE-L Precision Balances

##### Highest Accuracy for Heavy Loads

XPE-L large platform precision balances deliver the best weighing performance for high capacity loads and provide a level of safety suitable for highly regulated environments.

Built-in quality management tools enforce quality guidelines and manage passwords and access rights for up to eight users. The innovative StatusLight™ built into the balance terminal uses color to indicate when it's safe to start your weighing processes. Green means ready, yellow is a warning and errors are shown in red.

Routine testing procedures can be easily implemented in the TestManager and users are guided through tests and applications with step-by-step instructions on the color touchscreen. With touch-less operation and Bluetooth wireless data transfer, weighing large quantities of toxic substances is safer than ever before.



#### Easy Leveling

The new LevelGuide™ provides you with a warning when the balance is not level. Full instructions and a graphical bubble are shown on the touchscreen so you can level your balance in seconds.

# XPE-L Precision Balances (Large Weighing Platform)



Balance Model	XPE15002L	XPE20002LDR	XPE10001L	XPE16001L	XPE32001L	XPE64001L
<b>Limit Values</b>						
Maximum Capacity	15100 g	20100 g	10.1 kg	16.1 kg	32.1 kg	64.1 kg
Maximum Capacity, fine range	-	4200 g	-	-	-	-
Readability	10 mg	100 mg	100 mg	100 mg	100 mg	100 mg
Readability, fine range	-	10 mg	-	-	-	-
Repeatability	15 mg	80 mg	80 mg	80 mg	80 mg	100 mg
Repeatability, fine range	-	30 mg	-	-	-	-
Linearity deviation	20 mg	60 mg	200 mg	200 mg	300 mg	500 mg
<b>Typical Values</b>						
Repeatability	10 mg	60 mg	60 mg	40 mg	40 mg	40 mg
Repeatability, fine range	-	20 mg	-	-	-	-
Linearity deviation	6 mg	20 mg	60 mg	130 mg	200 mg	320 mg
Sensitivity offset (test weight)	12 mg (15 kg)	25 mg (20 kg)	120 mg (10 kg)	260 mg (16 kg)	320 mg (32 kg)	380 mg (64 kg)
MinWeight (USP, 5% range)	20 g	40 g	120 g	82 g	82 g	82 g
MinWeight (k=2, U=1%, 5% load)	2 g	4 g	12 g	8.2 g	8.2 g	8.2 g
Settling time	1.5 s	1.5 s	1 s	1.5 s	1.5 s	1.8 s
<b>Dimensions</b>						
Weighing Pan Size (mm)	172 x 205	172 x 205	280 x 360	280 x 360	280 x 360	280 x 360
SmartPan included	Yes	Yes	No	No	No	No

Balance Model	XPE32000L	XPE64000L
<b>Limit Values</b>		
Maximum Capacity	32.1 kg	64.1 kg
Readability	1 g	1 g
Repeatability	0.6 g	0.6 g
Linearity deviation	0.6 g	0.6 g
<b>Typical Values</b>		
Repeatability	0.4 g	0.4 g
Linearity deviation	0.4 g	0.4 g
Sensitivity offset (test weight)	0.65 g (32 kg)	0.65 g (64 kg)
MinWeight (USP, 5% range)	820 g	820 g
MinWeight (k=2, U=1%, 5% load)	82 g	82 g
Settling time	1.2 s	1.5 s
<b>Dimensions HxWxD (mm)</b>		
Weighing Pan Size (mm)	280 x 360	280 x 360
SmartPan included	No	No

Features	
<b>Accurate Results</b>	High resolution technology proFACT Advanced internal adjustment Lowest minimum weight
<b>Efficient Operation</b>	Large color touchscreen SmartTrac dosing guide Big numbers on display Easy cleaning SmartSens for touch-less operation
<b>Quality Assurance</b>	StatusLight Graphical leveling guide TestManager embedded software MinWeigh function FACT and GWP history proFACT Advanced documentation Password protection Admin history
<b>Seamless Process</b>	User management LabX ready Calibry ready Built in RS232, 7 options for the second slot e.g. Ethernet, Bluetooth

## Embedded Applications

Standard weighing, statistics, formulation, piece counting, percent weighing, density, dynamic weighing

## Selected Accessories



### ErgoStand

Place your display on a stand and adjust the tilt to suit your height; it's easier to read and good posture is maintained.



### Printers

The robust P-50 series lab printers produce archival-quality printouts on paper as well as continuous and peel-off labels.



### Connectivity

In addition to the built in RS232, a second interface provides options for Ethernet, PS2, Bluetooth or RS232 connections.



### ErgoSens

Simplify processes by performing selected balance operations at the wave of a hand e.g. weigh, tare, print.



## LabX Laboratory Software – Power the Bench

LabX brings power to your laboratory bench by providing full user guidance on the instrument touchscreen, handling all data automatically, and ensuring process security on multiple instruments – all with one software and no manual transcriptions.

## Mettler-Toledo AG

Laboratory Weighing  
CH-8606 Greifensee, Switzerland  
Phone +41 44 944 22 11  
Fax +41 44 944 30 60

Subject to technical changes  
© 07/2014 Mettler-Toledo AG  
30208925  
Global MarCom Switzerland

[www.mt.com/xpe-precision](http://www.mt.com/xpe-precision)

For more information

**GWP®**  
Good Weighing Practice™

The internationally recognized GWP® guideline reduces weighing risks and helps to:

- identify the correct balance for the weighing task
- reduce costs by optimizing testing procedures
- ensure compliance with regulations

[www.mt.com/GWP](http://www.mt.com/GWP)