**XS-L Precision Balances**

*The Trusted Workhorses for All Conditions*

The XS-L large platform precision balances have been designed for those who need to weigh heavy loads with the highest accuracy.

**Robustness**
The innovative MonoBlocHighSpeed weighing cell ensures high measurement precision and fast weighing results. The overload protection guarantees durability.

**Ergonomic Operation**
Placing the terminal at eye-level on a stand eliminates excessive bending of the neck and encourages a good working posture, at the same time ensuring the terminal is protected against damage from accidental spills and impacts.

**Automatic Data Handling**
Connect your XS balance to our LabX laboratory software for fast and error-free data management. LabX saves all data automatically, performs all calculations and generates sample labels and reports as required. Manual transcription can be completely eliminated.

**XS-L Precision Balances**
The Trusted Workhorses for All Conditions

The XS-L large platform precision balances have been designed for those who need to weigh heavy loads with the highest accuracy.

The MonoBlocHighSpeed weighing cell guarantees precise weighing results even in the toughest of environments. The weighing cell is fully protected against accidental overload so you can be assured of a long balance lifetime.

The balance touchscreen and the intuitive user interface make balance operation quick and easy. Connection to our LabX software speeds up weighing processes and provides a higher level of process security; all data is handled automatically, completely eliminating the need for any manual transcription.

**Easy-to-read Numbers**
The large figures on the display are bright and clear to read. Eyes don’t get tired and concentration remains focused on the weighing task.
XS-L Precision Balances
(Large Weighing Platform)

<table>
<thead>
<tr>
<th>Balance model</th>
<th>XS10001L</th>
<th>XS16001L</th>
<th>XS32001LDR</th>
<th>XS32001L</th>
<th>XS16000L</th>
<th>XS32000L</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Limit Values</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum capacity</td>
<td>10.1 kg</td>
<td>16.1 kg</td>
<td>32.1 kg</td>
<td>32.1 kg</td>
<td>16.1 kg</td>
<td>32.1 kg</td>
</tr>
<tr>
<td>Maximum capacity, fine range</td>
<td>-</td>
<td>-</td>
<td>6.4 kg</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Readability</td>
<td>100 mg</td>
<td>100 mg</td>
<td>1000 mg</td>
<td>100 mg</td>
<td>1 g</td>
<td>1 g</td>
</tr>
<tr>
<td>Readability, fine range</td>
<td>-</td>
<td>-</td>
<td>100 mg</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Repeatability</td>
<td>80 mg</td>
<td>80 mg</td>
<td>80 mg</td>
<td>80 mg</td>
<td>0.6 g</td>
<td>0.6 g</td>
</tr>
<tr>
<td>Repeatability, fine range</td>
<td>-</td>
<td>-</td>
<td>10 mg</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Linearity deviation</td>
<td>200 mg</td>
<td>200 mg</td>
<td>300 mg</td>
<td>300 mg</td>
<td>0.6 g</td>
<td>0.6 g</td>
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<tr>
<td><strong>Typical Values</strong></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Repeatability</td>
<td>40 mg</td>
<td>40 mg</td>
<td>400 mg</td>
<td>40 mg</td>
<td>0.4 g</td>
<td>0.4 g</td>
</tr>
<tr>
<td>Repeatability, fine range</td>
<td>-</td>
<td>-</td>
<td>40 mg</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Linearity deviation</td>
<td>60 mg</td>
<td>130 mg</td>
<td>200 mg</td>
<td>200 mg</td>
<td>0.4 g</td>
<td>0.4 g</td>
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<tr>
<td>Sensitivity offset (test weight)</td>
<td>120 mg (10 kg)</td>
<td>260 mg (16 kg)</td>
<td>320 mg (32 kg)</td>
<td>320 mg (32 kg)</td>
<td>0.38 g (16 kg)</td>
<td>0.65 g (32 kg)</td>
</tr>
<tr>
<td>MinitWeight (USP, 5% range)</td>
<td>82 g</td>
<td>82 g</td>
<td>82 g</td>
<td>82 g</td>
<td>820 g</td>
<td>820 g</td>
</tr>
<tr>
<td>MinitWeight (k=2, U=1%, 5% load)</td>
<td>8.2 g</td>
<td>8.2 g</td>
<td>8.2 g</td>
<td>8.2 g</td>
<td>82 g</td>
<td>82 g</td>
</tr>
<tr>
<td>Settling time</td>
<td>1 s</td>
<td>1.5 s</td>
<td>1.5 s</td>
<td>1.5 s</td>
<td>1.2 s</td>
<td>1.2 s</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weighing Pan Size (mm)</td>
<td>280 x 360</td>
<td>280 x 360</td>
<td>280 x 360</td>
<td>280 x 360</td>
<td>280 x 360</td>
<td>280 x 360</td>
</tr>
</tbody>
</table>

**Features**

Accurate Results
- High resolution technology
- FACT internal adjustment with advanced test features

Efficient Operation
- Big numbers on display
- Easy cleaning

Quality Assurance
- TestManager embedded software
- MinitWeight function
- FACT and GWP history
- Password protection

Seamless Process
- LabX ready
- Built in RS232, 7 options for the second slot e.g. Ethernet, Bluetooth, PS2

**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. Foot-operated switches also available.

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.

**Embedded Applications**

Standard weighing, piece counting, percent weighing, statistics, formula- tion, dynamic weighing, density

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

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17396520
Global MarCom Switzerland

For more information

www.mt.com/GWP

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/xis-precision