

Software

LabX Balance

Faster, more reliable weighing processes with LabX Balance

Take a step forward and make yours the "Lab of the Future" by eliminating paper archives and networking your balances with powerful and reliable PC software. LabX Balance lets you capture your weighing data automatically and manage your instruments optimally.

With Rapid Access you can forget about the computer!

The "Rapid Access" function lets you access LabX directly from the touch screen of your balance. You can perform weighing operations even if you have never used a PC! The data is rapidly transferred to an SQL database without transcription errors from where it can be exported to systems of third-party suppliers.

Quality assurance in your weighing processes.

Give your balance the priority it deserves in your quality assurance system! LabX monitors your instruments efficiently and disables any balances which do not fulfill the desired criteria. LabX Pro provides you with all the tools you need to comply with FDA guidelines (21 CFR Part 11) and includes detailed documentation.

	LabX Pro Balance	LabX Light Balance
Client server networking	•	
Control of multiple instruments	•	
Instrument management	•	•
21 CFR Part 11 support	•	
Direct access from balance (RapidAccess)	•	•
Real-time online view/control	•	•
Job/method editor	•	•
Automatic statistics/control charts	•	•
Report generator	•	•
LIMS connectivity	•	

More information at www.mt.com/LabX

SQC-XP Statistical Quality Control – Transparent filling processes at a glance

For monitoring, controlling and optimizing filling processes to comply with economic and legal requirements in these industries: pharma / cosmetics / beverages / food / chemistry

Features & Benefits:

- Independent standalone system; SQC transforms an XP balance into a quality control system
- Fill quality control from 1 µg readability to 64 kg weighing range
- Comfortable operation with color touch-screen
- Compliant; EU, EU-Ph and freely configurable tolerance systems available
- Configurable sample and statistical reports (GxP)

Accessories



Bluetooth printer BT-P42

With wireless connection to the balance.

RS232 printer RS-P42

GxP-compliant reporting

Configuring report headers and identifying samples is done easily using the touch-screen display.

ErgoSens

Freely positionable optical sensor for hands-free operation of the XP and XS balances.

Terminal stand

To save space and protect it from dirt, the terminal can also be mounted on a stand.

OIML weights

For the systematic inspection, test and control of balances, we offer a comprehensive assortment of METTLER TOLEDO OIML weights.

For more information visit www.mt.com/weights

ServiceXXL Because you Want Results, not Promises.

ServiceXXL assures the daily operating certainty and constant performance of your balance for years. Our global service network employs 1200 highly trained and experienced service technicians to provide cost-effective service solutions. Our goal is to ensure the availability of your balances and guarantee full traceability of your results and processes.

In the area of **Equipment Qualification (EQ)** we offer the following services which guarantee full regulatory compliance:

DQ

make the right choice

- Define requirements
- Quality supplier



The importance of the Design Qualification is often underestimated. Because we know the potential negative consequences, we have developed decision aids that make it easier for you to choose the right balance. Contact your sales representative and let yourself be guided through the DQ process.

IQ/OQ/PQ

ensure qualified installation

- Immediate start-up
- Assure operation according to requirements



With the IPac you ensure professional installation and Initial Qualification of your balance. IPacs are especially suitable for integration of your balance into an existing quality management system. In addition, activation of MinWeigh ensures that you always stay within defined limits.

www.mt.com/servicexxl

MQ

protect your investment

- Optimize up-time
- Ensure accuracy and traceability



Regular servicing by a METTLER TOLEDO service technician guarantees high availability of your balance and seamless traceability of your measurement results. It also ensures that your balance documentation is regularly updated and that you benefit from effective control of costs.



GWP® – Good Weighing Practice™ The Global Weighing Guideline

By following GWP® you can reduce risks associated with your processes and thus guarantee reliable measurements day in, day out. GWP® helps you:

- Choose the right balance for the job
- Optimize the periodicity of your calibrations
- Reduce costs and testing efforts
- Comply with current regulations

► www.mt.com/GWP

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Excellence Balances



Precision Balances

Excellence Level

Guidelines for Selecting the Right Precision Balance

METTLER TOLEDO

Your Requirements?

Regulatory compliance

Do you work in a regulated environment (e.g. FDA, USP, GxP)?
Is the balance part of a QM system?
Are you required to document what is weighed, when and how it is weighed, and who weighs it?

Yes

QM Toolbox for maximum security in regulated environments.
MinWeigh warns you when your sample weight is below the defined minimum weight.
LevelControl warns when the balance is not leveled.
BalanceCheck automatically prompts to check the balance with external weights.

► Model: XP



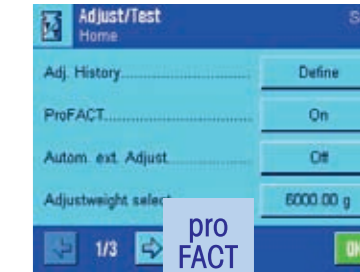
Utmost measurement certainty

Would you like your balance to adjust automatically, before you begin work, so you can improve your measurement certainty and productivity?

Yes

ProFACT Automatic, freely configurable time-and/or temperature-controlled internal adjustment.

► Model: XP



Hazardous materials

Do you work with toxic substances? Is it important for you that users are protected?

Yes

SmartSens Weigh without touching the balance! Tare, weigh, print, and much more: hands-free operation for everything. You can focus completely on the sample and weigh hazardous materials safely and without spillage.

► Model: XP



High productivity

Do you weigh many times a day? Would you like to increase your weighing productivity?

Yes

SmartScreen and User Management Color display with touchscreen comfort, configuration of up to 8 user profiles with individual access rights. Option to deactivate profiles and applications that are not being used.

► Model: XP



User profiles and access rights

Do different users work on one balance? Would it help if individual profiles and/or access rights could be set up per user, in his preferred language?

Yes

MonoBloc^{HighSpeed} weighing technology FACT Touchscreen display
Rugged design (IP54 in use)
7 built-in applications
7 interface options, incl. Bluetooth and Ethernet

► Model: XS



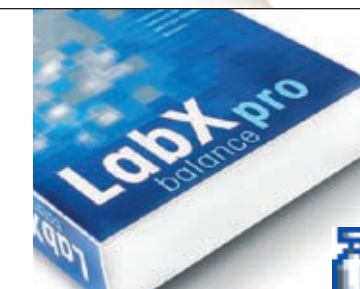
Weighing efficiency for daily routine

The above requirements don't apply to your working environment, but you still need a balance that helps you achieve the highest efficiency in your daily routine?

Yes

LabX balance PC software for instrument and data management.

- LabX pro balance
- LabX light balance

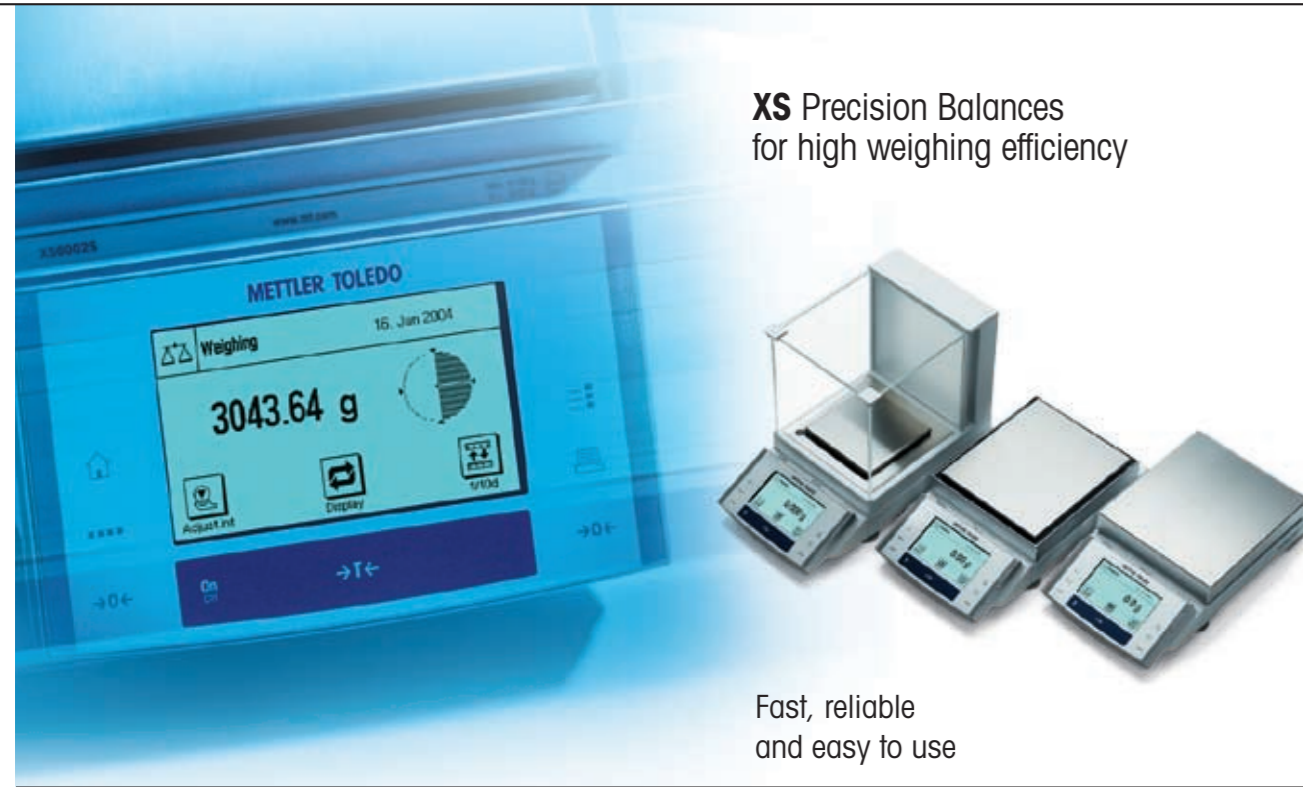




XP Precision Balances for secure weighing processes

Full compliance
High productivity
Amazing solutions

Performance Class	Areas of Application	Main Features
<ul style="list-style-type: none"> For unmatched weighing performance in quality control, production and research In regulated areas (e.g. GxP, FDA, BRC) Where process security is important (MinWeigh) Multiple users with individual profiles and languages When handling toxic substances (e.g. in fume hoods) In harsh environments (IP54 required) For systems integration Data management according to 21 CFR Part 11 and LIMS connectivity For applications like piece counting, statistics, formulation, percent and dynamic weighing as well as density determination When easy cleaning is important 	<ul style="list-style-type: none"> MonoBloc HighSpeed High-performance technology for outstanding weighing performance. SmartScreen Color touchscreen display with user-guidance for convenient and error-free operation. QM toolbox For maximum security in regulated environments. MinWeigh Warns if the sample weight is below the defined minimum weight. LevelControl Warns when the balance is not leveled. User Management Saves time and helps prevent mistakes. Enter up to 8 different user profiles with individual access rights, option of deactivating profiles and functions that are not being used. GxP – compliant documentation Seamless documentation according to GxP, easily and flexibly configurable. Alphanumeric sample identification. proFACT Fully automatic time and temperature controlled internal adjustment. 	<ul style="list-style-type: none"> SmartSens and ErgoSens For hands-free operation. IP54 in use Protection against dust and water. Reliability For smooth daily operation. Built of solid metal, resistant to chemicals. Connectivity Complete flexibility through 7 interface options, including Bluetooth and Ethernet. LabX balance software For electronic data management compliant with FDA 21 CFR Part 11. DeltaTrac color Graphics display the remaining available capacity. Three options, with weighing-in aid in color. Applications Comprehensive range of built-in applications. SQC-XP Statistical Quality Control Software can be installed on each METTLER TOLEDO XP Precision Balance; it is used for checking and documenting the fill quantity of a variety of finished pharmaceutical cosmetic and chemical products, as well as food.



XS Precision Balances for high weighing efficiency

Fast, reliable and easy to use

Performance Class	Areas of Application	Main Features
<ul style="list-style-type: none"> For top weighing efficiency in research and production In harsh environments (IP54 required) For applications like piece counting, statistics, formulation, percent and dynamic weighing as well as density determination When easy cleaning is important 	<ul style="list-style-type: none"> MonoBloc HighSpeed High-performance technology for outstanding weighing performance. Reliability For smooth daily operation. Built of solid metal, resistant to chemicals. Touchscreen display For easy and fast operation. FACT Fully automatic internal adjustment. GxP – compliant documentation Seamless documentation according to GxP, easily and flexibly configurable. Alphanumeric sample identification. 	<ul style="list-style-type: none"> IP54 in use Protection against dust and water. Connectivity Complete flexibility through 7 interface options, including Bluetooth and Ethernet. DeltaTrac Graphics display the remaining available capacity. Applications Built-in applications.

Know one – know all. Consistent touchscreen user interface across all product lines. Increases efficiency and reduces training costs.

High-resolution Precision Balances							High-capacity Precision Balances						
Readability	Model	Weighing Range	Weighing Pan (mm)	Price	Readability	Model	Weighing Range	Price					
0.0001 g	XP204S* XP404S* XP404S DeltaRange*	200 g 400 g 600 g 800 g 1000 g 2000 g 4000 g 6000 g 8000 g 10000 g	Ø 90		0.01 g	M platform XP6002M DeltaRange XP12002M DeltaRange* XP8001M* XP8001M DeltaRange XP12001M* XP16001M* XP20001M* XP12000M* XP16001M DeltaRange XP20000M*	6000 g 8000 g 16000 g 32000 g 64000 g						
0.001 g	XP203S* XP603S* XP1203S* XP2003S DeltaRange* XP5003S DeltaRange*	210 g 610 g 1210 g 2100 g 5100 g	127x127		0.01 g	L platform XP8001L XP16001L* XP32001L* XP32001L DeltaRange XP64001L* XP16000L XP32000L* XP64000L	8100 g 16100 g 32100 g 32100 g 64100 g 16100 g 32100 g 64100 g						
0.01 g	XP802S XP1202S* XP2002S* XP4002S* XP4002S DeltaRange XP6002S* XP6002S DeltaRange* XP8002S* XP10002S* XP10002S DeltaRange*	810 g 1210 g 2100 g 4100 g 4100 g 6100 g 6100 g 8100 g 10100 g 10100 g	170x205		0.1 g	M platform XS6001M XS6001M DeltaRange XS10001M XS16001M XS10000M XS12001M DeltaRange XS16000M	6100 g 6100 g 10100 g 16100 g 10100 g 12100 g 16100 g						
0.1 g	XP2001S XP4001S* XP6001S* XP8001S* XP10001S*	2100 g 4100 g 6100 g 8100 g 10100 g	190x223		0.001 g	L platform XS8001L XS16001L* XS32001L* XS32001L DeltaRange XS16000L XS32000L*	8100 g 16100 g 32100 g 32100 g 16100 g 32100 g						
0.001 g	XS203S* XS403S XS603S* XS603S DeltaRange* XS1003S	210 g 410 g 610 g 610 g 1100 g	127x127		0.01 g								
0.01 g	XS802S XS2002S* XS4002S* XS4002S DeltaRange XS6002S* XS6002S DeltaRange*	810 g 2100 g 4100 g 4100 g 6100 g 6100 g	170x205		0.1 g								
0.1 g	XS4001S* XS6001S* XS8001S*	4100 g 6100 g 8100 g	190x223										

* Platform available as stand-alone
DeltaRange Ten-times higher readability over the entire weighing range. This fine range covers 20% of the coarse range.

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DeltaRange Ten-times higher readability over the entire weighing range. This fine range covers 20% of the coarse range.