

# Excellence Accessories



**Accessories for  
Excellence  
Balances**

Innovative Design  
Practical Functionality  
Excellent Results



**Make the Most of Your Balance**  
with Professional Accessories

**METTLER TOLEDO**



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# One Click™ Weighing Solutions

## The Complete Solution for Your Applications

Perform your weighing processes with full SOP user guidance on the balance, all documentation and calculations handled automatically and have your results printed in a personalized report at the end.

Each One Click™ Weighing Solution consists of LabX software, an Excellence Balance and application specific accessories.



### Easy

Simply start your method with the One Click™ shortcut and follow the instructions on the balance. All calculations are automatically taken care of.



### Secure

All results are automatically stored in a secure database. No manual recording is necessary so transcription error is eliminated. Each step must be confirmed so you can be sure your SOP is followed exactly.



### Fast

All data and calculations are handled automatically, drastically reducing these time-consuming process steps. Reports can be generated at any time for fast and efficient documentation.

The methods included with LabX can be used directly or customized to meet individual application specifications. New methods can be designed from scratch. Each solution can be tailored according to process requirements.

Visit [www.mt.com/One-Click-Weighing](http://www.mt.com/One-Click-Weighing) for more information:

- One Click™ Standard Preparation
- One Click™ Loss on Drying
- One Click™ Sieve Analysis



### Build your own solution

E.g. product bundle for One Click™ Loss on Drying: XP204 Analytical Balance, LabX Software, ErgoClip round bottom flask, Label Printer, Barcode Reader

## Starter Packs & Licenses



Part	LabX balance Express Starter Pack	LabX balance Server Starter Pack	LabX Instr. License Balance (1)	LabX Instr. License Balance (5)	LabX Express to Server Sidegrade	LabX Demo Version
<b>Description</b>	Stand-alone system, connect max. 3 instruments, one XP/XS Balance license incl.	Client server system, connect max. 30 instruments, one XP/XS Balance license incl.	Increase the size of your LabX installation. Add one balance and add all balance functionalities to your installation.	Increase the size of your LabX installation. Add five balances and add all balance functionalities to your installation.	Sidegrade a LabX Express Installation into a LabX Server Edition.	30 day trial of LabX (Express or Server) incl. all options and up to 30 instruments (configurable).
<b>Order No.</b>	11153120	11153121	11153220	11153221	11153117	11153100

## Option Licenses

Part	LabX Option User Management	LabX Option Regulation	LabX Option Product Database	LabX Option Auto Import/Export	LabX Option Report Designer	LabX Option System Integration
<b>Description</b>	Centrally maintain and control users and roles within LabX. This is an option for LabX Express. It is included in LabX Server.	Fully supports you to comply with regulations, in particular with CRF 21.11. This is an option for LabX Server only.	Centrally manage your product data within LabX. Run methods based on your product data. This is an option for LabX Express and LabX Server.	Allows you to import and export data into many commonly used formats. This is an option for LabX Express. It is included in LabX Server.	Freely customize your reports with all details and possibilities like charts, plots, and tables. This is an option for LabX Server only.	Integrate your LabX installation with other software such as LIMS and ERPs using file transfer or API. This is an option for LabX Server only.
<b>Order No.</b>	11153102	11153104	11153103	11153105	11153106	11153107

# Directly Weigh-in with ErgoClips

## Save Time, Feel Secure, Be Safe

**ErgoClip container holders enable one-step dosing directly into your tare container and therefore eliminate transfer errors. They are easily installed either directly on the balance or on the grid weighing pan. The MinWeigh Door is a small adjustable opening in the draft shield which minimizes air turbulence in the weighing chamber. ErgoClips and MinWeigh Door optimize your weighing processes and economize on sample size.**



**Speed up your weighing process**  
ErgoClips allow secure fastening of various tare containers for ergonomic weighing. Your daily weighing routine becomes faster and easier.

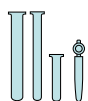


**Feel safe and secure: One-step dosing**  
One-step dosing directly into the tare container eliminates transfer errors, reduces sample loss and minimizes the risk of contamination. Dosing procedures are faster, hence increasing productivity.



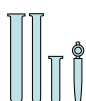
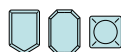
**First-class design for professional work**  
The MinWeigh Door draft shield perfectly complements ErgoClips. The small adjustable opening in the draft shield minimizes air turbulence in the weighing chamber ensuring fast stabilization times.

## XP26/56 Micro Balances



Part	<b>ErgoClip Basket micro</b>	<b>ErgoClip Flask micro</b>	<b>MinWeigh Door micro</b>	<b>Stand for ErgoClips micro</b>	<b>ErgoClips Solution Kit micro</b>
<b>Size</b>	Ø max. 23 mm	1-10 ml	Inner draft shield with a small adjustable opening	Holder to store up to 3 ErgoClips	Set of ErgoClips micro, MinWeigh Door micro, stand, a selection of tare containers, spatulas
<b>Tare containers (examples)</b>	Vials, test tubes, centrifuge tubes	Volumetric flasks			
<b>Order No.</b>	11107889	11107879	11107869	11140175	11140253

## XP/XS/XA Analytical Balances



Part	<b>ErgoClip Weighing Boat</b>	<b>ErgoClip Titration Basket</b>	<b>ErgoClip Basket small</b>	<b>ErgoClip Tube</b>	<b>ErgoClip Filter Holder</b>	<b>ErgoClip Quantos and vial adapters</b>
<b>Size</b>	LxW: 60x45 mm	Ø max. 50 mm	LxW: 32x32 mm	Ø 8 / 12 mm	Ø 110-150 mm	Ø 10.3-21 mm
<b>Tare containers (examples)</b>	Weighing boats	Titration beakers, test tubes	Test tubes, centrifuge tubes or small plastic tubes	PCR tubes, Eppendorf® tubes, reaction tubes	Filters	HPLC tubes, vials
<b>Order No.</b>	11106748	11106883	11106747	11106784	11140185	11141570



Part	<b>ErgoClip Round Bottom Flask</b>	<b>ErgoClip Flask</b>	<b>ErgoClip Flask small</b>	<b>MinWeigh Door</b>	<b>Stand for ErgoClips</b>	<b>ErgoClips Solution Kit</b>
<b>Size</b>	Ø min. 46 mm	20-100 ml	1-10 ml	Draft shield with a small adjustable opening	Holder to store up to 3 ErgoClips	Set of ErgoClips, MinWeigh Door, stand, tare containers, spatulas
<b>Tare containers (examples)</b>	Round bottom flasks, beakers	Volumetric flasks	Volumetric flasks			
<b>Order No.</b>	11106746	11106764	11140180	11106749	11140170	11140251

## XP/XS/XA Precision Balances, L-Platform



Part	<b>ErgoClip Sieve 450</b>
<b>Size</b>	LxW: 400x320 mm
<b>Tare containers (examples)</b>	Sieves, Ø 450 mm
<b>Order No.</b>	30005760



# Filter Weighing Solutions

## Unique Accurate Measuring

Equip your Excellence Balance with a Filter Weighing Kit to get a state-of-the-art solution for emissions determination.

Particulate matter on filters as small as 0.1 µg can be quickly and accurately determined in accordance with strict automotive and environmental requirements.



### **Emission determination: Solution for filters up to 70 mm**

With its cutting-edge performance, the XP Ultra Micro Balance equipped with a Filter Kit determines particulate matter on filters weighing as little as 0.1 µg.



### **Ergonomic design for fast and easy operation**

The weighing pan's innovative design enables easy placement of the filter in the ideal position. Choose between two sizes of pans: ø 47 mm and ø 70 mm. Operation is easy: using SmartSens, doors can be opened and closed automatically, to the left or right. The filter pan design ensures filters are placed correctly, easily visible through the glass top.



### **Environmental monitoring: Solution for filters up to 110 mm**

Assemble the Filter Kit on your XP Analytical Balance within seconds. Access is excellent, particularly for large filters, allowing samples to be weighed quickly and accurately.



## Filter Weighing Solutions with XP Micro and Ultra Micro Balances



Part	Filter Weighing Kit	XP W5 Draft Shield	Large Filter Weighing Kit
Filter size	Ø 30-70 mm	-	Ø max. 110 mm
Balances	XP Micro and Ultra Micro Balances	XP Micro and Ultra Micro Balances	XP/XS Micro and Ultra Micro Balances
Order No.	11122136	11116043	00211227



E2 class cylindrical weights, which fit the weighing pan, are available as optional accessories for routine balance tests and external adjustment.

A calibration certificate accompanies each weight.

Part	5 mg	50 mg	100 mg	200 mg	500 mg	1 g	2 g
Order No.	11122181	11122183	11122185	11122187	11122163	11122165	11122167

## Filter Weighing Solutions with XP/XS/XA Analytical Balances



Part	Filter Weighing Kit for Analytical Balances	ErgoClip Filter Holder
Filter size	Ø max. 110 mm	Ø max. 150 mm
Balances	XP Analytical Balances	XP/XS/XA Analytical Balances
Order No.	11140000	11140185

## Accessories for Filter Weighing Solutions



Part	Filter Tweezers
Description	The offset helps to hold filter firmly without touching particulate matter on the surface.
Order No.	11122131



### AntiStatic Kit

The U-Electrode discharges your sample automatically before weighing – absolutely safe to the touch.

**More information:** See next section [Anti-Static Solutions](#)

# Anti-Static Solutions

## Maximum Security of Sample, User and Results

Does your balance display show different or unstable weight values for the same weighing sample? This phenomenon is well-known and the explanation is simple: electrostatically charged samples lead to inaccurate results. AntiStatic Kits immediately neutralise electrostatically charged samples and containers. Weighing results are stable and correct.



### Workplace safety

The AntiStatic Kit completely removes electrostatic charge from your samples. Scattering of powdery weighing substances is eliminated. Cross-contamination of samples is prevented.



### Speed up your weighing process

Electrostatically charged weighing samples or containers are neutralized when the balance is being loaded, enabling fast dosing processes and an increased productivity.



### Flexible integrated solution

The integrable AntiStatic Kit for Excellence XP Analytical and XP26/56 Micro Balances can be configured flexibly: The activation of the ionization can be synchronized with the opening of the draft shield door. The point ionizer can be fixed in six different positions depending on sample size and shape, left- or right-handed users.

## AntiStatic Kits



Part	Universal AntiStatic Kit	Integrable AntiStatic Kit	Additional Second Point Electrode for Integrable AntiStatic Kit
<b>Description</b>	Complete Kit (incl. U-Electrode large and Universal Power Supply)	Complete Kit (incl. integrable Point Electrode and XP Power Supply)	Optional second Point Electrode for XP integrable AntiStatic Kit
<b>Balances</b>	all balances	XP Analytical Balances and XP26/56 (incl. DR) Micro Balances	XP Analytical Balances and XP26/56 (incl. DR) Micro Balances
<b>Order No.</b>	11107767	11107761	11107762

## Single Anti-Static Components

Single anti-static components can generally be used with every kind of balance.

In conjunction with the power supply for XP Balances, the discharging process is even more efficient due to the automated and synchronized door opening on all XP Analytical, Micro and Ultra Micro Balances.



Part	U-Electrode large	U-Electrode small	Point Electrode	XP Power Supply	Universal Power Supply
<b>Description</b>	Recommended for discharging all kinds of samples and tare containers	Recommended for discharging small samples	Recommended for discharging small samples on spatulas	Automated switch on / off, synchronized with door opening	
<b>Balances</b>	all balances	all balances	all balances	XP Analytical, Micro and Ultra Micro Balances	all balances
<b>Order No.</b>	11107764	11140161	11107765	11107763	11107766

# Density Determination

## Truly Efficient

**Determine density with METTLER TOLEDO's Density Kit for Excellence Analytical or Precision Balances. It is ideal for solid, liquid, porous and viscous substances. Whether you use the buoyancy technique, the displacement principle or the pycnometer method, density determination with a Density Kit is performed very easily and efficiently.**



### Simple installation

An Excellence Balance can be quickly converted for density measurement using a special kit. The weighing pan is simply replaced by the Density Kit.



### Integrated solution

The built-in density determination software of the Excellence XP and XS Balances guides you step-by-step through the procedure. The application provides fully integrated workflows for 5 different methods.



### Fast and secure process

The built-in software collects the density values, calculates the results and allows statistical evaluation of the measurement series.

## Density Kits

						
<b>Part</b>	<b>Density Kit for XP/XS/XA Precision Balances with S-Platform,</b> 1 mg and 0.1 mg models	<b>Density Kit for all XP/XS/XA Analytical Balances</b>	<b>Calibrated Thermometer</b> for density determination (with certificate)	<b>Sinker 10 ml,</b> for density determination of liquids	<b>Calibrated Sinker 10 ml,</b> for density determination of liquids (with certificate)	<b>Recalibrated Sinker 10 ml,</b> for density determination of liquids (with new certificate)
<b>Order No.</b>	11132680	11106706	11132685	00210260	00210672	00210674

### Useful supplement

The density software also allows you to determine the density of viscous substances with the aid of a gamma sphere.

#### EIC GAMMA SPHERES® (DIN 53 217, Part 3)

Gamma sphere, type X	Volume: 10.0 ml	calibratable
Gamma sphere, type X-2	Volume: 10.0 ml	robust version, not calibratable
Gamma sphere, type C	Volume: 100.0 ml	calibratable
Gamma sphere, type X/G	Volume: 10.0 ml	calibratable (gold-plated, for corrosive mediums)

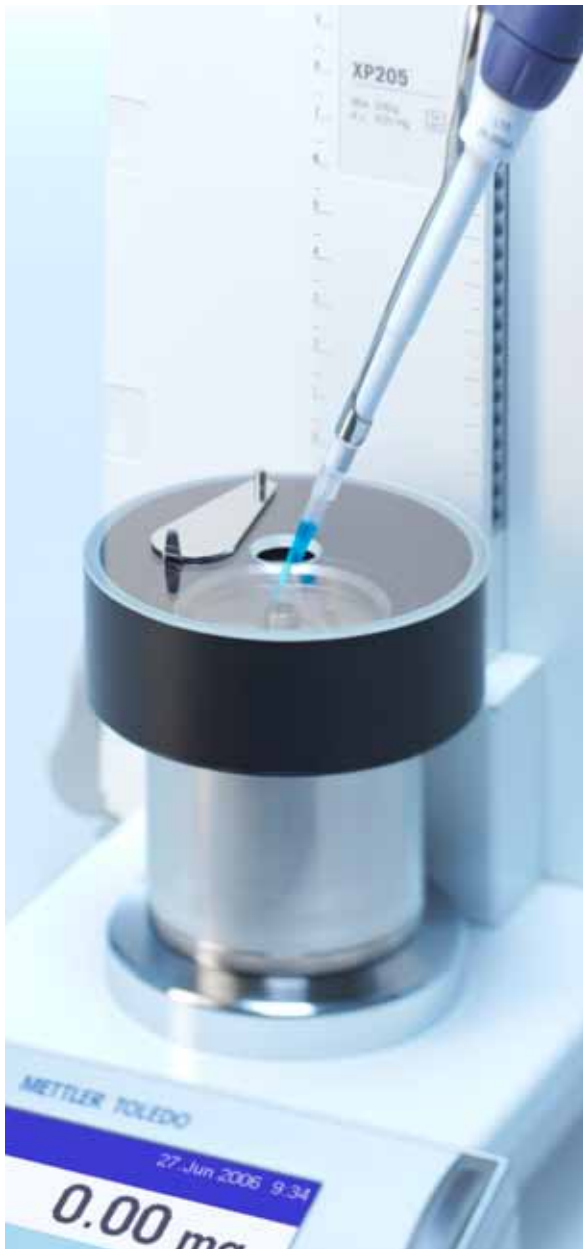


**The items mentioned above are 3rd party products and are not globally available through METTLER TOLEDO. For more information, please contact your local METTLER TOLEDO representative.**

# Routine Pipette Testing

## Accurate Pipettes Day by Day

In a professional testing approach, measurement errors caused by evaporation must be kept to an absolute minimum making the use of an evaporation trap indispensable. This accessory is recommended in the ISO 8655 norm for pipette calibration. Calibry Software supports you throughout all steps of the calibration procedure with user guidance and full data management.



### Pipette testing on your balance

For pipette performance testing simply mount the evaporation trap on your conventional balance and convert it into a pipette testing set-up.



### Intuitive user guidance

Calibry Software allows reliable scheduling of pipette tests. It guides the user through the calibration process.



### Efficient data management

Calibry Software guarantees complete data management and full traceability according to FDA 21 CFR Part 11. Calibry saves the full calibration history for each of your pipettes.



## Evaporation Traps for XP Micro Balances



<b>Part</b>	<b>Evaporation Trap micro</b>
<b>Pipette volume</b>	≥1 µl
<b>Balances</b>	XP56, XP26
<b>Trap capacity</b>	10 ml
<b>Order No.</b>	11140041

## Evaporation Traps for XP/XS/XA Analytical Balances



<b>Part</b>	<b>Evaporation Trap</b>	<b>Evaporation Trap large</b>
<b>Pipette volume</b>	>10 µl	>10 µl
<b>Balances</b>	XP/XS/XA Analytical Balances	XP/XS/XA Analytical Balances
<b>Trap capacity</b>	6 / 20 ml	100 ml
<b>Order No.</b>	11140043	11138440

## Pipette Calibration Software

<b>Part</b>	<b>Calibry Light</b>	<b>Calibry Single Workstation</b>	<b>Calibry Network</b>	<b>Calibry Validation Manual</b>
<b>Description</b>	Pipette Calibration Software for Single-Channel Pipettes	Pipette Calibration Software for Multi-Channel and Single-Channel Pipettes	Pipette Calibration Software for Network Installations	Workbook for Calibry System Validation
<b>Order No.</b>	11138423	11138419	11138420	11780959



## Accessories for Pipette Calibration Solutions

<b>Part</b>	<b>Reagent Reservoirs RV-050</b>	<b>Reagent Reservoirs RV-L25</b>	<b>Barometer</b>	<b>Certified Thermometer</b>	<b>Exhaust Pump, 1 channel</b>
<b>Description</b>	50 polypropylene reservoirs with 75 ml capacity, without lids; pre-sterilized, packaged 10 bags of 5 each	25 polypropylene reservoirs with 75 ml capacity, with lids; presterilized, packaged 5 bags of 5 each			For convenient aspiration of test water
<b>Order No.</b>	17007544	11600616	11600086	11132685	11138268

Nominal volume of pipette to be tested (V)	Balance resolution (mg)	ISO recommendations for pipette calibration (ISO 8655)
1 µl ≤ V ≤ 10 µl	0.001	For each pipette volume being tested, the ISO 8655 norm specifies the required readability and accuracy of the balance to be used. In addition, it recommends the use of an optimized weighing vessel for volumes below 50 µl.
10 µl < V ≤ 100 µl	0.01	
100 µl < V ≤ 1000 µl	0.1	
1 ml < V ≤ 10 ml	0.1	
10 ml < V ≤ 200 ml	1	

# CarePacs®

## Smooth Routine Testing

Perform routine testing of balances securely with only what you need – two test weights. Save time and minimize costs with a CarePac®.



### Maintain process tolerances

CarePacs® fully support routine testing with external weights. They offer a convenient and cost-effective way to limit the risk of working outside specified process tolerances.



### Save time and money

Routine testing is performed with only two weights, at maximum and minimum load. Weight classes and nominal values of weights are defined according to the characteristics of each balance model. Weights are specified to validate process tolerances up to 0.03 %.



### Customer specific 3<sup>rd</sup> weight

CarePacs® offer the option to add a third weight between 1 mg and 100 g for customer specific testing.

## CarePac® S

Weighing ranges up to 490 g



Balances	XP404S XS403S	XP205 XP204S XP203S XS205	XS204 XS203S XA204 XA303S	XP105 XS105 XS104 XA105	XP56 XS64	XP26	XP6	XP2U XS3
Part OIML: Set up	200 g F2 20 g F1	200 g F2 10 g F1		100 g F2 5 g E2	50 g F2 2 g E2	20 g F1 1 g E2	5 g E2 0.2 g E2	2 g E2 0.1 g E2
Order No.	11123000	11123001		11123002	11123003	11123006	11123005	11123004
Part ASTM: Set up	200 g 1 20 g 1	200 g 1 10 g 1		100 g 1 5 g 1	50 g 1 2 g 1	20 g 1 1 g 1	5 g 1 0.2 g 1	2 g 1 0.1 g 1
Order No.	11123100	11123101		11123102	11123103	11123106	11123105	11123104

## CarePac® M

Weighing ranges 500 g - 4900 g



Balances	XP504 XP603S XP802S XS603S XS802S XA503S	XP1203S XP1202S XS1003S XA1502S	XP2003S XP2002S XP2001S XS2002S XA3002S XA3001S	XP4002S XP4001S XS4002S XS4001S
Part OIML: Set up	500 g F2 20 g F1	1000 g F2 50 g F2	2000 g F2 100 g F2	2000 g F2 200 g F2
Order No.	11123007	11123008	11123009	11123010
Part ASTM: Set up	500 g 1 20 g 1	1000 g 1 50 g 1	2000 g 1 100 g 1	2000 g 4 200 g 4
Order No.	11123107	11123108	11123109	11123110

## CarePac® L

Weighing ranges 5 kg - 8 kg



Balances	XP5003S XP8002S XP6002S XP8001S XP6001S	XS5003S XS6002S XS8001S XS6001S XA5002S
Part OIML: Set up	5000 g F2 200 g F2	
Order No.	11123011	
Part ASTM: Set up	5000 g 4 200 g 4	
Order No.	11123111	

Only base models of balances are listed. DR, DU, X or E types need the same CarePac as the base models.

## Customized 3<sup>rd</sup> Weight

3<sup>rd</sup> weight for customized testing (OIML Class E2, ASTM Class 1).

Part	1 mg	2 mg	5 mg	10 mg	20 mg	50 mg	100 mg	200 mg	500 mg
OIML: Order No.	11123044	11123045	11123046	11123047	11123048	11123049	11123050	11123051	11123052
ASTM: Order No.	11123144	11123145	11123146	11123147	11123148	11123149	11123150	11123151	11123152
Part	1 g	2 g	5 g	10 g	20 g	50 g	100 g		
OIML: Order No.	11123053	11123054	11123055	11123056	11123057	11123058	11123059		
ASTM: Order No.	11123153	11123154	11123155	11123156	11123157	11123158	11123159		

## Weight Accessories

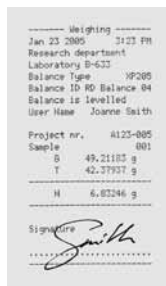


Part	Tweezers, straight tips, for weights 1 mg - 20 g, length 115 mm	Tweezers, straight tips, for weights 1 mg - 20 g, length 220 mm	Tweezers, straight tips, for weights 20 g - 200 g, length 140 mm	Tweezers, bent tips, for weights 20 g - 200 g, length 200 mm	Tweezers, bent tips, for weights 1 mg - 200 g, length 130 mm	Leather gloves, pair, not suitable for regulated environments	Nylon gloves, pair, suitable for all environments	Micro fibre cloth, suitable for all environments	Brush, suitable for all environments
Order No.	00015900	11116544	11116543	00015901	11116540	00072001	11123098	00158798	00158799

# Printers

## Accurate Documentation

Simply connect your balance to a printer to ensure compliance with GMP/GLP/ISO documentation regulations. Bluetooth wireless options available.



### Quick and error-free data transfer

Avoid transcription errors and create printouts that meet GxP quality standards. Whether on normal or self-adhesive paper, the archived printouts provide full traceability of your weighing and testing data.



### Wireless printing

Print your results effortlessly, e.g. with the Bluetooth wireless Printer BT-P42. Place the printer wherever you want with no cables to worry about. It can also be placed outside the laminar flow bench so that printouts are not contaminated.



### Convenient labeling of volumetric flasks

Specially designed labels are ideal for labeling volumetric flasks. The end section has no adhesive to allow easy scanning and removal (*XP/XS Balances, with LabX only*).

## Printers



Part	<b>BT-P42 Printer</b>	<b>RS-P42 Printer</b>	<b>RS-P25 Printer</b>	<b>LC-P45 Printer</b>	<b>Label Printer CLP-631</b>
<b>Description</b>	Wireless printer with Bluetooth interface. Prints in latin characters.	Easy printer with RS232 interface. Prints in latin characters.	Compact printer with RS232 interface. Ideal for simple printouts and languages like Chinese, Russian and Japanese.	Application printer with additional functions. Can print date, time, ID, etc.	Citizen thermal transfer printer with serial, parallel and USB interface. Ideal for printing labels.
<b>Standard interface</b>	BTS single point or BT multi point	RS232	RS232	LocalCAN and RS232	Serial, parallel and USB interfaces
<b>Balances</b>	XP/XS/XA Balances equipped with BTS or BT interface	XP/XS/XA Balances equipped with RS232 interface	XP/XS/XA Balances equipped with RS232 interface	XP/XS/XA Balances equipped with LocalCAN interface	<b>XP/XS Balances, with LabX only</b>
<b>Order No.</b>	11132540	00229265	11124300	00229119	11141820

## Printer Accessories



Part	<b>Paper roll</b>	<b>Paper roll, adhesive</b>	<b>Ribbon cartridge</b>	<b>Labels and ribbon tape for CLP-631</b>	<b>Volumetric flask labels</b>
<b>Description</b>	Spare paper roll, normal paper, 58x51 mm, suitable for all printers. Set of 5 rolls. Minimum order quantity: 2 sets.	Spare paper roll, self-adhesive, suitable for all printers. 1 roll. Minimum order quantity: 2 rolls.	Spare ribbon cartridge, ink ribbon, black. Set of 2 cartridges.	2 rolls of self-adhesive labels, 60x15 mm and 1 ribbon tape.	Dedicated volumetric flask labels, self-adhesive, easily removable, 54x15 mm. 1 roll with 1000 labels.
<b>Printers</b>	BT-P42, RS-P42, RS-P25, LC-P45	BT-P42, RS-P42, RS-P25, LC-P45	BT-P42, RS-P42, RS-P25, LC-P45	CLP-631 label printer	TLP2824 Plus label printer
<b>Order No.</b>	00072456	11600388	00065975	30004309	30005404

# Interfaces

## Flexible Connectivity

With various optional plug-in interfaces including Bluetooth, RS232, Ethernet, LocalCAN or PS/2, your balance can be easily connected with peripherals, e.g. printer, auxiliary display or computer.



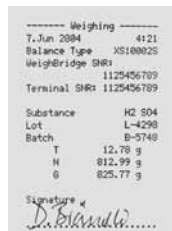
### Flexible connectivity

In addition to the standard RS232 interface and the two Aux1 and Aux2 outputs, Excellence Balances are equipped with an additional slot for an optional interface.



### Simplify your daily routine

Easily connect your balance to a printer, barcode reader, keyboard, auxiliary display, LV11 automatic feeder, foot or hand switch.



### Quick and error-free data transfer

With the balance interface options you can choose to print out your results straight away or transfer the data to your PC. Ensure complete traceability of your results.



## Interfaces



Part	BT option	BTS option	RS232 option	Ethernet option	PS/2 option	LocalCAN option
<b>Description</b>	Bluetooth interface for wireless connection: Multipoint connection of one Excellence Balance with up to 6 peripherals, e.g. printer, auxiliary display or computer.	Bluetooth interface for wireless connection: Single-point connection of one Excellence Balance with one peripheral, e.g. to a BT-P42 printer, BT-BLD auxiliary display or to a computer.	Interface for connection of an Excellence Balance with RS232 peripherals, e.g. printer, titrator or computer.	Interface for connection of an Excellence Balance to Ethernet network.	Interface for connection of an Excellence Balance with a commercial keyboard and barcode reader.	Interface for connection of an Excellence Balance with up to five LC (LocalCAN) instruments, e.g. barcode reader, printer, auxiliary display, LV1 1 or computer.
<b>Balances</b>	XP/XS/XA	XP/XS/XA	XP/XS/XA	XP/XS	XP/XS	XP/XS
<b>Order No.</b>	11132530	11132535	11132500	11132515	11132520	11132505

## Switches and Ethernet Connection



Part	LC-Switchbox	LC-I/O Relay interface	e-Link PRO, EB01	e-Link PRO, EB02	e-Link IP65, EB01
<b>Description</b>	For connection of up to 3 balances with LocalCAN interface to a printer.	Programmable input/output relay interface for control or switch of up to 8 external instruments (LocalCAN or RS232 interface required).	Ethernet connection to the e-link network. Housing: Aluminum, 160x110x35 mm, with external power supply.	Ethernet connection to the e-link network. Contains a second RS232 interface (e.g. for a barcode reader). Housing: Aluminum, 160x110x35 mm, with external power supply.	Ethernet connection to the e-link network with IP65 protection (dust and water). Housing: IP65, aluminum, 215x117x80 mm, with internal power supply.
<b>Order No.</b>	00229220	21202217	11120001	11120005	11120003

# Cables

## Flexible Connection

Choose from a wide range of cables to connect your balance with peripheral devices, auxiliary displays or to a computer.



### Seamless integration

There is an Excellence Balance to suit every environment. They connect easily and communicate on all channels – RS232, Ethernet, USB, PS/2, Bluetooth – as well as with all peripheral devices.



### Networking saves time and money

Improve traceability and data security by connecting your balance to your network. Transfer your results directly and avoid errors during those important analyses or production processes.



### Ergonomic workplace

The operating terminal can be separated from the weighing platform and be placed wherever it is convenient for an ergonomic workplace. A terminal extension cable of 4.5 m is available.

## Cables for RS232 interface



Part	RS9 (m) – RS9 (f)	Ex2 cable for RS232 interface	USB – RS232 converter cable
<b>Description</b>	Cable for connecting a balance (RS232, 9-pin) to a printer, PC or titrator (RS232, 9-pin)	Fiber-optic cable with 9-pin RS connector and opto-electric converter with galvanic isolation	Cable with converter to connect a balance (RS232) to a PC USB port. Baud rates 1200 to 115,2 K
<b>Length</b>	1 m	2 m	1.7 m
<b>Order No.</b>	11101051	00224265	11103691

## Cables for Ethernet interface



Part	Ethernet, 3 m	Ethernet, 5 m
<b>Description</b>	Ethernet extension cable, RJ45 patch cable U/UTP, CAT5	Ethernet extension cable, RJ45 patch cable U/UTP, CAT5
<b>Length</b>	3 m	5 m
<b>Order No.</b>	11600395	11600396

## Cables for LocalCAN interface



Part	LC – RS9 (f)	Ex2: LC – RS9 (f)	LC – RS open	LC – CL	LC – LCT
<b>Description</b>	Cable for connecting a balance (LocalCAN) to a printer, PC or titrator (RS232, 9-pin)	Cable for connecting a balance (LocalCAN) in Ex Zone 2 to a printer, PC or titrator (RS232, 9-pin)	Cable for connecting to a MT ComBus system; includes interface box	Cable for connecting a balance (LocalCAN) to a device with METTLER TOLEDO CL interface, e.g. titrator, 5-pin	Cable branch (T-connector) for connection of peripherals with LocalCAN
<b>Length</b>	2 m	1.9 m	4 m	2 m	-
<b>Order No.</b>	00229065	00224275	21900640	00229130	00229118

Part	LC – LC03	LC – LC1	LC – LC2	LC – LC5
<b>Description</b>	Extension cable for LocalCAN	Extension cable for LocalCAN	Extension cable for LocalCAN	Extension cable for LocalCAN
<b>Length</b>	0.3 m	1 m	2 m	5 m
<b>Order No.</b>	00239270	00229161	00229115	00229116

## Other cables



Part	Terminal extension cable	Universal power supply	AC adapter PSX2	Cable, one-sided open (2-pin)	SE Kit extension cable, 0.6 m	SE Kit extension cable, 5 m
<b>Description</b>	Extension cable for balance terminal	Power supply connector with AC/DC adapter	Power supply for Ex Zone 2; for XS Ex2 balances and platforms	Cable between balance and AC adapter	Extension cable for separate electronics kit	Extension cable for separate electronics kit
<b>Length</b>	4.5 m	-	-	4 m	0.6 m	5 m
<b>Order No.</b>	11600517	11107909 (In addition, a country-specific 115/230 V power supply connection is required.)	11132730	11132037	00211535	00210688

# Optical Sensors and Foot Switches

## Hands-Free Balance Operation

Improve ergonomics with hands-free operation. Foot switches or optical sensors are ideal if the balance is difficult to access or cannot be operated directly. The hands-free operation accessories can be placed wherever is most convenient and are individually configurable for taring, zeroing or printing.



### Hands-free operation

ErgoSens infrared sensors or foot switches can be placed wherever you want and can be set individually. You always have both hands free which makes the handling of toxic or sticky substances easier and safer.



### Focus on sample

With complete focus on your sample, valuable or toxic substances can be weighed in safely and without spillage.



### Visual control

The illuminated green symbol on the ErgoSens shows that the sensor is activated and set to the respective balance function, e.g. "Print".

## Optical Sensor



<b>Part</b>	<b>ErgoSens</b>
<b>Description</b>	Auxiliary optical infrared sensor. Can be freely positioned and is individually configurable. Connection via Aux 1, Aux 2.
<b>Balances</b>	XP/XS/XA
<b>Order No.</b>	11132601

## Foot Switches



	<b>Foot Switch</b>	<b>LC Foot Switch</b>
<b>Description</b>	Auxiliary foot-operated switch with selectable balance functions. Connection via Aux 1, Aux 2.	Auxiliary foot-operated switch with selectable balance functions. Connection via LocalCAN.
<b>Balances</b>	XP/XS/XA	XP/XS with LocalCAN interface
<b>Order No.</b>	11106741	00229060

# Barcode Readers

## Fast and Secure ID Recognition

**Save time and avoid transcription error by automatically reading-in sample, container and user IDs.**



### **Scan your ID**

The barcode scanner offers fast and secure identification of sample-, container- and user-ID.



### **Avoid transcription errors**

Using a barcode scanner ensures data integrity as data loss due to human error is negligible.



### **Improve operational efficiency**

Since barcodes permit faster and more accurate recording of information, work in process can move quickly and be tracked precisely.



## Barcode Readers



Part	RS232 Barcode Reader - cordless	RS232 Barcode Reader	PS/2 Barcode Reader	PS/2Y Barcode Reader
<b>Description</b>	General purpose cordless handheld linear imager barcode reader	General purpose corded handheld linear imager barcode reader	General purpose corded handheld linear imager barcode reader	General purpose corded handheld linear imager barcode reader
<b>Barcode types</b>	1D / Linear Codes	1D / Linear Codes	1D / Linear Codes	1D / Linear Codes
<b>Balances</b>	XP/XS/XA	XP/XS/XA	XP/XS	XP/XS
<b>Order No.</b>	21901299	21901297	21901297	21901297
<b>Accessories</b>	The following accessories are needed for operation (not included in 21901299): <ul style="list-style-type: none"> <li>• Cradle (21901300)</li> <li>• Cable RS232 F (21901305)</li> <li>• Null modem adapter (21900924)</li> </ul> Plus one of the following: <ul style="list-style-type: none"> <li>• Power supply unit, 12V, EU (21901373)</li> <li>• Power supply unit, 12V, UK (21901374)</li> <li>• Power supply unit, 12V, US (21901375)</li> <li>• Power supply unit, 12V, AUS (21901373 + 71209966)</li> </ul>	The following accessories are needed for operation (not included in 21901297): <ul style="list-style-type: none"> <li>• Cable RS232 F (21901305)</li> <li>• Null modem adapter (21900924)</li> </ul> Plus one of the following: <ul style="list-style-type: none"> <li>• Power supply unit, 5V, EU (21901370)</li> <li>• Power supply unit, 5V, UK (21901371)</li> <li>• Power supply unit, 5V, US (21901372)</li> <li>• Power supply unit, 5V, AUS (21901370 + 71209966)</li> </ul>	The following accessory is needed for operation (not included in 21901297): <ul style="list-style-type: none"> <li>• PS/2 wedge single cable (21901307)</li> </ul>	The following accessory is needed for operation (not included in 21901297): <ul style="list-style-type: none"> <li>• PS/2 wedge twin (Y) cable (21901308)</li> </ul>

# Auxiliary Displays, Stands and Wall Mountings

## Ergonomic Workplace

Extra displays as well as stands for terminals and printers allow you to create a truly ergonomic workspace.



**Perfect ergonomic workplace**  
Placing the balance terminal on a stand at eye level makes it easier to read and increases efficiency.



**Save valuable space in the lab**  
With the terminal or printer on a stand, you not only avoid the risk of spilling substances on them but you save valuable lab space too.



**Modularity to fit**  
The operating terminal can be separated from the weighing platform and be placed next to the balance or above it, which is ideal when weighing high containers or if space is limited.

## Auxiliary Displays



Part	BT-BLD	RS/LC-BLD	RS/LC-BLDS	Terminal Wall Mounting	Terminal Extension Cable
<b>Description</b>	Auxiliary LCD display with backlighting, wireless connection up to 10 m, for table or wall mounting, Dimensions (WxDxH): 182x60x168 mm.	Auxiliary LCD display with backlighting, for table mounting, incl. a two meter RS232 connection cable. Dimensions (WxDxH): 182x60x168 mm.	Auxiliary LCD display with backlighting, for table or balance mounting incl. a two meter RS232 connection cable. Dimensions (WxDxH): 182x60x480 mm.	Wall fixture for terminal wall mounting, incl. terminal extension cable, 1.8 m.	Terminal extension cable, 4.5 m.
<b>Balances</b>	XP/XS/XA Precision Balances with Bluetooth BT or BTS interface	all balances with RS232 or LocalCAN interface	XP/XS/XA Precision Balances with RS232 or LocalCAN interface	XP/XS/XA	XP/XS/XA
<b>Order No.</b>	11132555	00224200	11132630	11132665	11600517

## Stands and Wall Fixtures



Part	Stand for terminal (S-Platforms)	Stand for terminal (L-Platforms)	Stand for terminal or printer
<b>Description</b>	Stand for placement of the terminal 30 cm above the small weighing pan.	Stand for placement of the terminal 30 cm above the large weighing pan.	Stand for placement of the terminal or printer above the analytical balance.
<b>Balances</b>	XP/XS/XA Precision Balances (S-Platforms)	XP/XS/XA Precision Balances (L-Platforms)	XP/XS/XA Analytical Balances
<b>Order No.</b>	11132636	11132653	11106730

# Draft Shields

## Faster Stabilization Time

**Draft shields protect your balance from environmental influences, thus improving the quality of your weighing results, especially for balances with fine readability ( $\leq 0.001$  g). They protect weighing samples from surrounding influences resulting in optimized repeatability and fast stabilization times.**



### **Speed up your weighing processes**

Protect weighing samples from surrounding influences, minimize air turbulence and ensure fast stabilization times.



### **Perfect ergonomic workplace**

Choose from a wide range of draft shields to make your daily work as ergonomic as possible. The Simple Draft Shields allows heavy vessels to be easily placed on the weighing pan and can be accessed from the left, right and top. The open top makes the dosing of samples easy.




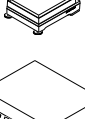
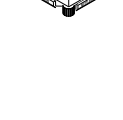


### **Weigh directly into tare containers**

The MinWeigh Door draft shields perfectly complement ErgoClips allowing one-step dosing directly into the tare container. Thanks to less turbulence in the weighing chamber, stable results can be achieved in no time and the minimum sample weight can be reduced even further.

## XP/XS/XA Precision Balances



Part	Pro Draft Shield (standard for XP)	Pro Draft Shield, glass-free (for food industry)	MagicCube Draft Shield (standard for XS/XA)	Simple Draft Shield for 10 mg and 0.1 g models	XP W12 Draft Shield for entire balan- ce (medium)	XP W64 Draft Shield for entire balan- ce (large)
<b>Dimensions</b>	H: 248 mm	H: 248 mm	H: 175 mm	H: 175 mm	WxDxH (inside): 300x450x450 mm	WxDxH (inside): 550x470x580 mm
<b>Order No.</b>	11131651	11131652	11131650	11131653	11134430	11134470
 <b>XP S-Platform, 0.1 mg</b>	X	X	n/a	n/a	n/a	n/a
 <b>XP/XS/XA S-Platform, 1 mg</b>	X	X	X	n/a	X	X
 <b>XP/XS/XA S-Platform, 10 mg</b>	n/a	n/a	n/a	X	X	X
 <b>XP/XS/XA S-Platform, 0.1 g</b>	n/a	n/a	n/a	X*	X	X
 <b>XP/XS/XA L-Platform</b>	n/a	n/a	n/a	n/a	n/a	X

\* To use the Simple Draft Shield for XP/XS 0.1 g models, you need to order the weighing pan 170 x 205 mm (11132660).

## XP/XS/XA Analytical Balances



## XP26/56 Micro Balances



## XP Micro and Ultra Micro Balances



Part	MinWeigh Door	Part	MinWeigh Door micro	Part	XP W5 Draft Shield
<b>Description</b>	Draft shield with a small adjustable opening	<b>Description</b>	Inner draft shield with a small adjust- able opening	<b>Description</b>	Draft shield for the entire balance, WxDxH (inside): 200x447x200 mm
<b>Order No.</b>	11106749	<b>Order No.</b>	11107869	<b>Order No.</b>	11116043

# Weighing Pans

## Reliable Weighing Results

Magnetic force has an influence on the performance of a balance. When magnetic samples are weighed, or if a magnetic stirring rod is weighed with samples, the weighing result can deviate by more than 20 digits compared to the true weight of the sample. The Magnetic Protection Shield (MPS) weighing pan protects against magnetic forces and allows magnetic stir bars to be used without affecting the weighing results.



### Reliable and reproducible weighing results

The Magnetic Protection Shield (MPS) Weighing Pan shields against magnetic forces ensuring reproducible and accurate results.



### Weighing with magnetic stir bars

Magnetic force can influence weighing results without being detected. The MPS allows secure weighing of vessels containing magnetic stir bars.



### Easy installation

Simply exchange the existing weighing pan with the MPS. Magnetic influence is eliminated and results are reliable.

## Weighing Pans for Precision Balances



Part	Weighing pan, 170 x 205 mm	Weighing pan, 190 x 223 mm
<b>Description</b>	This pan is required when using a Simple Draft Shield (order no. 11131653), incl. pan support and ring seal.	This pan is required when using a draft shield (order no. 11131653), incl. pan support.
<b>Balances</b>	XP/XS/XA Precision Balances, S-Platform models with a readability of 10 mg	XP/XS/XA Precision Balances, S-Platform models with a readability of 0.1 g
<b>Order No.</b>	11132660	11132655

## Magnetic Protection Shield (MPS)



Part	MPS weighing pan, 170 x 205 mm	MPS weighing pan, 190 x 223 mm
<b>Description</b>	Protection against magnetic forces. Allows magnetic stir bars to be used without affecting the weighing results.	Protection against magnetic forces. Allows magnetic stir bars to be used without affecting the weighing results.
<b>Balances</b>	XP/XS/XA Precision Balances, S-Platform models with a readability of 10 mg	XP/XS/XA Precision Balances, S-Platform models with a readability of 1 g and 0.1 g
<b>Order No.</b>	11132626	11132625

## Weighing Pans for Analytical and Micro Balances



Part	Single-use aluminum weighing pan	SmartGrid Cover	SmartGrid Cover micro
<b>Description</b>	Disposable weighing pans, resistant to chemicals, 10 units.	Chromium-nickel steel cover* for the weighing pan SmartGrid.	Chromium-nickel steel cover* for the weighing pan SmartGrid micro.
<b>Balances</b>	XP/XS/XA Analytical Balances	XP/XS/XA Analytical Balances	XP26/XP56 Micro Balances
<b>Order No.</b>	11106711	11106709	11106262

\* The use of these covers usually extends the settling time of the balance.



# Covers, Cases and Anti-Theft Devices

## Protect Your Balance

Shield your balance from dust and accidental soiling with a protective cover. When you need to relocate your balance, protect it from damage with a convenient transport case. Stop balance theft with an Anti-theft Device – a highly effective combination of visual and physical security.



### Keep it clean

The protective cover enables efficient cleaning to prevent cross-contamination. All covers are chemically-resistant, easy to change and do not interfere visibility or operation of the balance.



### Protect your equipment

Transport cases protect your balances from damage during relocation. The cases are specially customized for different balances (Micro, Analytical or Precision Balances). They can be locked by an individual key.



### Stop balance theft

Prevent balance theft in the lab by using this steel security cable. It is quick to install and easy-to-use.

## Protective Covers



Part	Protective Cover for XP terminal (covers terminal)	Protective Cover for XS/XA terminal (covers terminal)	Protective Cover for XS/XA Precision Balances with L-Platform (covers terminal)	Protective Cover for weighing platform, S-Platform, XP/XS/XA Precision Balances, 10 mg / 0.1 g models (covers platform)	Protective Cover for XS/XA Precision Balances with S-Platform, 10 mg / 0.1 g models (covers platform and terminal)
Material	Barex 210	Barex 210	Barex 210	Barex 210	Barex 210
Order No.	11132570	11106870	11132573	11133034	11132571

## Transport Cases



Part	Transport Case Micro	Transport Case Precision	Transport Case Analytical
Description	Specially designed case, locking possible with individual key.	Specially designed case, with space for a printer and other accessories; locking possible with individual key.	Specially designed case, with space for a printer and other small accessories; locking possible with individual key.
Balances	XP Micro Balances	XP/XS/XA Precision Balances with S-Platform, 10 mg / 0.1 g models	XP/XS/XA Analytical Balances
Dimensions	535x285x345 mm (WxDxH)	535x285x345 mm (WxDxH)	485x415x180 mm (WxDxH)
Weight	4.099 kg	3.180 kg	4.450 kg
Order No.	11106729	11132595	11106869

## Anti-Theft Device



Part	Anti-theft Device with T-bar mechanism
Description	Steel cord with a loop at one end and a detachable lock with T-bar mechanism at the other. Two keys are provided.
Balances	XP/XS/XA
Order No.	11600361

## AC Adapter Protection (IP54)



Part	IP54 Cover for AC adapter
Description	Protects the AC adapter against dust and splashing water (IP54).
Order No.	11132550

# Professional Weighing Tables

## Efficient and Ergonomic Weighing

**Repetitive movements and static workplaces can create user stress. METTLER TOLEDO weighing tables are an ergonomic solution that increase the speed of weighing processes. With adjustable height and elbow cushions, the weighing table improves work efficiency. The work surface is not attached to the inner table to ensure shorter stabilisation times.**



### **Speed up your weighing process**

The balance sits on a separate inner table in this two-in-one table construction. This ensures vibration free working, faster stabilization times and more precise data.



### **Excellent ergonomics**

Height adjustable construction, arm supports, keyboard shelf and monitor base ensure convenient use even for long lasting weighing tasks.



### **First-class design for professional work**

The ergonomic weighing table saves space by providing room for a monitor and keyboard, and provides secure cable management.

## Professional Weighing Tables



Part	Weighing Table XP Ultra Micro	Weighing Table XP Micro	Weighing Table XP26PC	Weighing Table MCP2	Weighing Table MCP5
Width (mm)	760	760	760	760	1380
Depth (mm)	803	803	803	803	1380
Height (mm)	784	784	784	784	760
Order No.	11138044	11138042	11138041	11138040	11138043

## Stone Tables



Stone thickness 8 cm

Width (mm)	700	900	1200	600	1400	900	2000	600	1000	600	800	1500
Depth (mm)	700	700	700	600	800	600	700	630	700	600	550	730
Height (mm)	780	780	780	900	780	910	780	90	780	720	780	780

If you are interested in these products, please contact your local METTLER TOLEDO representative.

# Safety Weighing Cabinets

## Optimum Personal Protection – Stable Weighing Results

**Skon and a1-safetech safety weighing cabinets offer optimum protection for staff and the environment when working with toxic substances or minute quantities of active substances. More stable weighing results are also obtained.**



### **Safe workplace**

The safety cabinet has up to two HEPA filter units and on request an active carbon filter to reduce gaseous contamination in the outlet air. Its compact design saves space in any lab.



### **Vibration-free operation**

The construction of the safety cabinet ensures vibration-free operation. It perfectly matches the requirements of analytical and even micro balances.



### **Optimum Personal Protection**

The working surface is scratch resistant, easy to clean and offers a high level of chemical resistance. The integrated waste bag system ensures that toxic waste never leaves the cabinet unprotected.

## HFC-SH Safety Weighing Cabinet, by Skanair®



By using the HFC-SH Safety Weighing Cabinets, personnel and the surrounding environment are protected effectively against contamination by the systematic use of filters and an optimized air flow. The well-lit and transparent working area and ergonomic design provide a comfortable working environment.

Part	HFC-SH 900	HFC-SH 1200 MT	HFC-S 1300
Dimensions WxDxH	900×740×1075 mm	1200×740×1075 mm	1200×880×1460 mm

## ST1 Safety Enclosures, by a1-safetech



The ST-1 safety enclosure range is the latest generation of containment systems specifically designed to protect the analyst during the weighing process, and has been performance tested specifically for the weighing of active drug compounds. In addition to proven safety performance, the unique design and control features of the ST-1 range make these systems the most flexible and user friendly in the industry.

Part	ST1-900	ST1-1200	ST1-1500
Dimensions WxDxH	900×750×600 mm	1200×750×600 mm	1500×750×600 mm

**The items mentioned above are 3rd party products and are not globally available through METTLER TOLEDO.**

**For more information, please contact your local METTLER TOLEDO representative.**



# Filling Process Control

## Fulfill Legal Requirements – Reduce Costs

**Flawless and consistent product quality is the cornerstone of successful consumer goods production, whether it be food, medicines or cosmetic products.**

**Transform an Excellence Plus XP Balance into a quality control system: **SQC-XP**, a stand-alone balance application, offers filling process control for the weight uniformity of tablets, capsules, powders and suppositories in accordance with the **European Pharmacopoeia**.**



### **Independent standalone system**

SQC-XP works independently of other systems, such as networks, computers or servers. After each sample, the results are printed and statistical data is saved in the article database. As soon as a batch or a particular period of time has concluded, the statistics are printed and deleted in the system.



### **Fill quantity control from 1 µg readability to 64 kg weighing range**

From small tablets with a weight of a few milligrams to large containers with weights of up to 64 kg – we have the right balance for you, thanks to our wide selection of XP Analytical and XP Precision Balances.



### **Extremely easy to operate**

The large XP touchscreen display shows the relevant information, and the operator is intuitively guided to the next entry by pressing the screen. Start a sample, configure the system, modify an article, prepare a new article or print a report.



## Statistical Quality Control Solutions



	<b>SQC14</b>	<b>SQC-XP Software Package</b>	<b>SQC-XP Validation Manual DE+EN</b>
<b>Description</b>	<ul style="list-style-type: none"> <li>Matrix-printer with integrated SQC application and integrated keypad</li> <li>Manages 16 or 60 articles</li> <li>Setup and operation are extremely simple.</li> <li>Along with a Precision, Analytical or Micro Balance, the SQC14 compact system can be installed at a workplace, or directly in the filling line, with minimal space requirement</li> </ul>	<ul style="list-style-type: none"> <li>SQC-XP application (firmware)</li> <li>BR-XP backup/restore program</li> <li>SQC-XP training presentation</li> <li>Operating instructions</li> <li>Simplified data entry with Backup/Restore</li> <li>Full data backups</li> <li>Statistics printouts in A4 / letter size</li> </ul>	<ul style="list-style-type: none"> <li>Self-declaration according to GAMP 4 (Supplier Audit)</li> <li>Validation Plan (VP)</li> <li>User Requirement Specification, Risk Analysis and Traceability Matrix (URS)</li> <li>Installation Qualification (IQ)</li> <li>Operational Qualification (OQ)</li> <li>Validation Report (VR)</li> </ul>
<b>Balances</b>	XP/XS/XA	XP Analytical / Precision Balances from 1 µg to 64 kg (except DeltaRange Balances)	
<b>Order No.</b>	SQC 14/16: 00236210 SQC 14/60: 00236211	21901277	21901341



	<b>LV11 small items feeder for automatic balance feeding</b>	<b>LV11 Pro Draft Shield Door</b>	<b>LV11 Draft Shield Door</b>
<b>Description</b>	<ul style="list-style-type: none"> <li>Automatically feeds capsules/tablets onto the weighing pan</li> <li>3 vibrating speeds</li> <li>Speed for feeder emptying after each sample</li> <li>Large range of tablet sizes</li> <li>Bidirectional RS232 or LocalCAN interfaces ensure trouble-free data transfer to your computer or weighing system</li> </ul>	Draft shield door with slot	Draft shield door with slot
<b>Balances</b>	XP/XS/XA	XP/XS/XA Precision Balances, 10 mg and 0.1 g models	XP/XS/XA Analytical Balances
<b>Order No.</b>	21900608	11132711	11106715

# Qualified Service

## Feel Secure at Any Time

**METTLER TOLEDO offers cost effective service solutions to ensure optimized equipment uptime, traceability of results and regulatory compliance. These services include classic repair services, service plans tailored to your needs, certificates and on-site services to ensure your maximum return on investment. Our qualified and committed specialists provide the highest level of service to support you in ensuring quality and improving your manufacturing processes.**



**GWP® Good Weighing Practice™**  
 With its risk-based approach, Good Weighing Practice™ helps you make the right decisions where it really matters. For all five important stages of the instrument's life cycle, GWP® recommends simple and effective measures to maximize process security and minimize costs.



**Maintenance and Support**  
 Scheduled proactive maintenance by manufacturer trained and certified technicians is key to ensure the longevity of your weighing instruments and smooth routine operations. Providing maximized productivity and dependable measurement accuracy.



**Calibration and Verification**  
 When using a measuring instrument, you need to be confident that your results are accurate and precise. GWP®, the risk-based weighing guideline, puts ISO, GMP and GLP and other requirements into practice. Guaranteed compliance at minimal costs.

## Performance Verification



<b>Part</b>	<b>GWP® Verification</b>	<b>GWP® Excellence</b>
<b>Goal</b>	<b>Quality Assurance</b>	<b>Secure Weighing</b>
<b>Description</b>	GWP® Verification is a consultative service product. It provides process accuracy, cost reduction and audit-proof documentation at your fingertips. It performs a gap analysis between the required accuracy and the actual weighing performance. Guaranteed Better Weighing Results for all the balances and scales at your site.	The latest firmware (version 4.60 or higher) has integrated automatic safety functions, to ensure your XP/XS Balance is always tested correctly. A firmware upgrade is freely available for all existing XP/XS Balances.

## IPac - Installation Packages



## EQPac - Equipment Qualification



<b>Part</b>	<b>Starter Pac</b>	<b>Quality Pac</b>	<b>Pharma Pac</b>	<b>Part</b>	<b>EQPac</b>
<b>Goal</b>	<b>Efficiency</b>	<b>Traceability (ISO)</b>	<b>Compliance with USP, GLP, GMP</b>	<b>Goal</b>	<b>Lifecycle Management</b>
<b>Description</b>	Start working right away and be sure your equipment is properly configured with the low cost Starter Pac solution.	To ensure equipment accuracy, the Quality Pac is the best choice to meet national and international Quality Management requirements such as the ISO 9000 series and food standards.	Pharma Pac is specific to high demands of regulatory compliance. It easily integrates into existing QM systems. This installation package applies best to Pharma, Biotech and Food industries.	<b>Description</b>	Ideal for customers who wish to save on development of own protocols and want to take advantage of a proven solution.

## Calibration

The service technician checks all important weighing parameters and documents the information in the measurement uncertainty and minimum weight certificate. The calibration certificate provides you with the confidence that your weighing equipment is performing according to your requirements. All certificates are compliant to the common standards of your industries.

## Service Contracts

METTLER TOLEDO offers comprehensive service contracts to suit your needs. Our broad contract portfolio includes Maintenance, Calibration, Verification and Certificates. Together with our Service Product GWP® Verification, we can offer a reassessment of your installed base. For detailed information about our customized service contracts, call your local METTLER TOLEDO representative.

Our Service Technicians are globally organized, but work locally to support you in the most timely and professional manner. Global excellence delivered locally by METTLER TOLEDO.

**If you are interested in service products, please contact your local METTLER TOLEDO representative.**

# Miscellaneous Accessories

## For Various Weighing Tasks

**Each lab, each application, each customer is different. By using accessories you can create a solution to meet your exact requirements.**

**From simple weighing tasks to sophisticated applications, METTLER TOLEDO has a balance to suit your needs – as well as an extensive range of accessories.**



### Daily helpers

In a laboratory there is no day without facing new challenges where even a simple accessory can be of great support to shorten and facilitate the daily routine.



### Special applications

Special applications require special accessories to perfectly match the specific needs. A countless number of accessories offer solutions even for the most unconceivable applications.



### Customized to meet your needs

Design, form and function of all accessories are triggered by particular laboratory applications and developed with a clear focus to meet the requirements of an application or customer specific processes.

## Weighing Boats



Part	Single-use Weighing Boats	Weighing Boat	Weighing Boat
<b>Description</b>	500 units, Size (WxDxH): 41x56x8 mm, Material: Thermoplastic	Length: 78 mm, Weight: 10 g, Material: Nickel-Chromium Steel	Length: 107 mm, Weight: 20 g, Material: Nickel-Chromium Steel
<b>Order No.</b>	11106712	4507	4508

## Weighing Tweezers



Part	Weighing Tweezers
<b>Description</b>	For weighing with Analytical Balances
<b>Order No.</b>	00210421

## LevelMirror for Analytical Balances



Part	Level Mirror
<b>Description</b>	LevelMirror for level control, XP/XS/XA Analytical Balances
<b>Order No.</b>	11140150

## SE Kit for Analytical Balances



Part	XP-SE Kit
<b>Description</b>	Separate electronics kit for XP Analytical Balances
<b>Order No.</b>	11106743

## LabX direct balance



Part	LabX direct balance
<b>Description</b>	LabX direct balance is easy-to-use software designed to transfer the results from any METTLER TOLEDO Balance into an open application such as Excel.
<b>Order No.</b>	11120340

## Hook for weighing below the balance



Part	Hook for weighing below the balance
<b>Description</b>	Below-the-balance weighing device for XP/XS/XA Precision Balances with L-Platform, size: 13 mm (integrated in balance models with S-Platforms)
<b>Order No.</b>	11132565

## Dynamic Weighing



Part	Dynamic Weighing Kit
<b>Description</b>	Kit for dynamic weighing for XP/XS/XA Precision Balances with S-Platform, 10 mg / 0.1 g models; 4-liter vessel
<b>Order No.</b>	11132657

# Your Personal Notes

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	<b>Mettler-Toledo AG</b> CH-8606 Greifensee, Switzerland Phone +41-44-944 22 11 Fax +41-44-944 30 60
<b>Australia</b>	<b>Mettler-Toledo Ltd.</b> , Port Melbourne, Victoria 3207 Tel. +61 3 9644 5700, Fax +61 3 9645 3935
<b>Austria</b>	<b>Mettler-Toledo GmbH.</b> , A-1230 Wien Tel. +43 1 604 19 80, Fax +43 1 604 28 80
<b>Belgium</b>	<b>Mettler-Toledo s.a.</b> , B-1932 Zaventem Tel. +32 2 334 02 11, Fax +55 11 4166 7401
<b>Brazil</b>	<b>Mettler-Toledo Ltda.</b> , 06455-000 Barueri/São Paulo Tel. +55 11 4166 7400, Fax (11) 421 3459
<b>Canada</b>	<b>Mettler-Toledo Inc.</b> , Ontario, Canada Tel 800 638 8537
<b>China</b>	<b>Mettler-Toledo (Shanghai) Ltd.</b> , Shanghai 200233 Tel. +86 21 6485 04 35, Fax +86 21 6485 33 51
<b>Croatia</b>	<b>Mettler-Toledo, d.o.o.</b> , HR-10000 Zagreb Tel. +385 1 29 20 633, Fax +385 1 29 58 140
<b>Czech Republic</b>	<b>Mettler-Toledo, spol. s.r.o.</b> , CZ-10000 Praha 10 Tel. +420 272 123 150, Fax +420 272 123 170
<b>Denmark</b>	<b>Mettler-Toledo A/S</b> , DK-2600 Glostrup Tel. +45 43 27 08 00, Fax +45 43 27 08 28
<b>France</b>	<b>Mettler-Toledo s.a.</b> , F-78222 Viroflay Tel. +33 1 3097 17 17, Fax +33 1 30 97 16 16
<b>Germany</b>	<b>Mettler-Toledo GmbH</b> , D-35353 Giessen Tel. +49 641 507 0, Fax +49 641 507 128
<b>HongKong</b>	<b>Mettler-Toledo (HK) Ltd.</b> , Kowloon Tel. +852 2744 1221, Fax +852 2744 6878
<b>Hungary</b>	<b>Mettler-Toledo, KFT</b> , H-1139 Budapest Tel. +36 1 288 40 40, Fax +36 1 288 40 50
<b>India</b>	<b>Mettler-Toledo India Pvt Ltd</b> , Mumbai 400 072 Tel. +91 22 2803 1111, Fax +91 22 2857 5071
<b>Italy</b>	<b>Mettler-Toledo S.p.A.</b> , I-20026 Novate Milanese Tel. +39 0233 3321, Fax +39 02 356 2973
<b>Japan</b>	<b>Mettler-Toledo K.K.</b> , Tokyo 110-0008 Tel. +81 3 5815 5515, Fax +81 3 5815 5525
<b>Korea</b>	<b>Mettler-Toledo (Korea) Ltd.</b> , Seoul 137-130 Tel. +82 2 3498 3500, Fax +82 2 3498 3555
<b>Kazakhstan</b>	<b>Mettler-Toledo Central Asia</b> , 050009 Almaty Tel. +7 3272 98 08 34, Fax +7 3272 98 08 35
<b>Malaysia</b>	<b>Mettler-Toledo (M) Sdn. Bhd.</b> , 40150 Selangor Tel. 603-78445885, Fax 603-78445808
<b>Mexico</b>	<b>Mettler-Toledo S.A. de C.V.</b> , 11570 México D.F. Tel. +52 55 1964 0900, Fax +52 55 5541 2228
<b>Netherlands</b>	<b>Mettler-Toledo B.V.</b> , NL-4004 JK Tiel Tel. +31 344 63 83 63, Fax +31 344 63 83 90
<b>Norway</b>	<b>Mettler-Toledo A/S</b> , N-1008 Oslo Tel. +47 22 30 44 90, Fax +47 22 32 70 02
<b>Poland</b>	<b>Mettler-Toledo, Sp. z o.o.</b> , PL-02-822 Warszawa Tel. +48 22 545 06 80, Fax +48 22 545 06 88
<b>Russia</b>	<b>Mettler-Toledo C.I.S. AG</b> , 10 1000 Moskau Tel. +7 (495) 651-98-86, Fax +7 (495) 621-63-53, 621-78-68
<b>Singapore</b>	<b>Mettler-Toledo (S) Pte. Ltd.</b> , Singapore 139959 Tel. +65 6890 0011, Fax +65 6890 00 12
<b>Slovakia</b>	<b>Mettler-Toledo</b> , SK-83103 Bratislava Tel. +421 2 4444 1220 - 2, Fax +421 2 4444 12 23
<b>Slovenia</b>	<b>Mettler-Toledo, d.o.o.</b> , SI-1261 Ljubljana – Dobrunje Tel. +386 1 547 49 00, Fax +386 1 542 02 52
<b>Spain</b>	<b>Mettler-Toledo S.A.E.</b> , E-08908 Barcelona Tel. +34 93 223 76 00, Fax +34 93 223 76 01
<b>Sweden</b>	<b>Mettler-Toledo AB</b> , S-12008 Stockholm Tel. +46 8 702 50 00, Fax +46 8 642 45 62
<b>Switzerland</b>	<b>Mettler-Toledo (Schweiz) GmbH</b> , CH-8606 Greifensee Tel. +41 44 944 45 45, Fax +41 44 944 45 10
<b>Thailand</b>	<b>Mettler-Toledo (Thailand) Ltd.</b> , Bangkok 10320 Tel. +662 723 0300, Fax +662 719 64 79
<b>Taiwan</b>	<b>Mettler-Toledo Pac Rim AG</b> , Taipei Tel. +886 2 2657 8898, Fax +886 2 2657 0776
<b>United Kingdom</b>	<b>Mettler-Toledo Ltd.</b> , Leicester, LE4 1AW Tel. +44 116 235 70 70, Fax +44 116 236 63 99
<b>United States</b>	<b>Mettler-Toledo, Inc.</b> , Columbus, OH 43240 Tel. 800 638 8537

For all other countries

**Mettler-Toledo AG**  
PO Box VI-400, CH-8606 Greifensee  
Tel. +41-44-944 22 11, Fax +41-44-944 31 70

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