LabX Laboratory Software

Power the Bench



Data Integrity

LabX automatically saves all process data securely in an SQL database and performs all calculations. Audit trail and electronic signatures assure full traceability and therefore assist in compliance with 21 CFR Part 11. Transcription errors are completely eliminated.



Central Instrument Control

All instruments are connected to and controlled via LabX. Tasks can be assigned and routine tests scheduled. LabX utilizes the StatusLight™ to provide at-a-glance information on whether the balance is ready to start weighing tasks.



Seamless Integration

Go paperless! Bi-directional communication with, for example, ELNs and LIMS, enables tasks to be sent directly to the instrument touchscreen via LabX as well as results to be transferred back. Your safely stored data can be easily accessed at any time.



Multiple Instruments

LabX fully supports XPE, XP and XS balances, Quantos dosing systems, titrators, melting point instruments, density meters, UV/Vis, pH meters and refractometers which can be connected in any combination. The know one — know all interface concept creates an efficient, unified set-up in your lab.



Concentrate Just on Your Task LabX Takes Care of All the Rest

LabX brings power to your laboratory bench with automatic data handling, high process security and full SOP user guidance on the instrument.

Whether your set-up is standalone or fully integrated with your existing information systems, LabX works behind the scenes to take care of all your data while you concentrate on your analyses.

Laboratory technicians work at their instruments as usual. Tasks are started by pressing the relevant shortcut on the instrument touchscreen. Technicians simply follow the instructions provided — LabX does the rest.



LabX in Action

Example

A pharamaceutical laboratory regularly prepares many different standard solutions. The lab wants to ensure:

- SOPs are followed precisely
- All results are error-free and stored securely (to meet regulatory requirements)
- Solutions are easily identified (to avoid potential mix-ups)



Proposed solution

30087653	XPE205	Meets process accuracy requirements	
11153120	Starter Pack LabX Balance	LabX for use with up to 3 balances	
30094673	P-56RUE Printer	Printer for printing barcoded sample labels, can also be used for continuous labels and paper	
21901299 21901300 21901305 21900924	Cordless RS232 Barcode Reader Cradle Cable Null modem adapter Plus power unit depending on country	Barcode reader and accessories, for fast and error-free sample identification	
11106764	ErgoClip flask	Special adaptor for holding volumetric flasks – dose directly into the flask	

LabX Balance Starter Packs

Express

Suitable for small or standalone systems with one PC and a maximum of 3 connected instruments

Server

Suitable for networks with multiple PCs and a maximum of 30 connected instruments

	Starter Pack Express	1153120	Starter Pack Server	1153121
	LabX Balance Expres	S	LabX Balance Server	
Included	Balance License		Balance License	
			Auto Import/Export	
			User Management	
optional	Product Database	11153103	Product Database	11153103
	Auto Import/Export	11153105	Regulation	11153104
	User Management	11153102	Report Designer	11153106
	Balance License	11153220	System Integration	11153107
	(2 additional)		Balance License (29 additional)	11153220

LabX Services

METTLER TOLEDO offers full support throughout all stages of the LabX life cycle:

- Application Development
- Installation
- Training
- Validation
- Maintenance

The range has been carefully designed to allow you to choose just the services necessary to match individual user needs and complement your system requirements. For further details, please refer to the LabX Services brochure (30019612) or contact your local METTLER TOLEDO representative.

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For more information