

XPR-SQC Solution

Optimized Filling Processes



Extensive Applications

The XPR-SQC solution can be used with all XPR analytical and precision balances, making the XPR-SQC system suitable for a vast variety of production applications.



Ease of Use

It is straightforward to configure the built-in methods to meet the requirements of your SQC workflows. Furthermore, fully automated SQC analyses can be carried out directly on your balance.



Traceable Documentation

All weight values are stored automatically in the results notepad. Configure the statistical reports to meet your needs, then simply print out on a strip printer and archive to ensure traceability.



Process Automation

The optional LV12 automatic feeder releases small items one by one directly into your container on the weighing pan. The balance stores each weight value and tares automatically.



A Standalone System

For Compliant and Cost-Effective Filling

Create a powerful, standalone statistical quality control tool with a METTLER TOLEDO analytical or precision balance and the XPR-SQC solution. The system can be used to monitor, control and optimize filling processes in accordance with the legal requirements in industries such as:

- Pharmaceuticals
- Cosmetics
- Food
- Chemicals, and more

The XPR-SQC performs all statistical calculations on the measurement series automatically and evaluates the results based on your acceptance criteria. The outcome of the statistical analysis is provided, enabling you to draw conclusions and promptly decide upon a course of corrective measures where appropriate.

Increase productivity by combining with the optional LV12 feeder, which dispenses small parts or samples directly onto the balance in a fully automatic process.

XPR-SQC Technical Specifications

Maximum number of stored methods	50 (includes all application methods)
Supported units	mg, g, kg, ct, oz, ozt, GN, dwt, mom, msg, tth, tls, tlt, tola, baht, lb, ml, l, fl, oz
SQC-specific settings	Use measured average as nominal Single tare (for tare vessel)
Statistics	2 independent time span statistics, which can be named and reset separately
Reports	Task printout, SQC statistics printout, configurable with a range of different information blocks
SQC statistics printout	Count, average, minimum, maximum, range Standard deviation, relative standard deviation Tolerance state chart R chart, x chart, distribution chart SQC settings Nominal value Plausibility limits Tolerances Signature
Configurable statistical values for task printout (in addition to regular printout options)	In tolerance chart Count, average, minimum, maximum, range Standard deviation, relative standard deviation Count above +T2 Count between +T1 and +T2 Count between -T1 and +T1 Count between -T2 and -T1 Count below -T2
Automation options	Automatic feeding with LV12 Automatic Zero Automatic Tare Automatic Result Automatic Printout Barcode reader support
User management	Personalized user profiles with configurable access rights
Supported balances	All XPR analytical and precision balance models
XPR-SQC licence	Licence sheet with licence key activation Material number 30539260
Validation Handbook XPR-SQC	The Validation Handbook provides step-by-step guidance through all activities required to approve the XPR-SQC system for validated use.

Key benefits with XPR-SQC

Precise filling processes	It's easy to monitor your processes to be sure you meet legal requirements for fill quantities. Fast results mean you can make any necessary process changes promptly.
Save material and costs	Overfill is reduced, offering considerable savings in the long-term, particularly important when products contain expensive ingredients.
Meet documentation requirements	XPR-SQC helps manufacturers meet regulations by collecting and evaluating production data; you always know your production mean value and the variation in your fill quantities.

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