

Accessory for XP Analytical Balances

Solutions in Perfect Concentration



For Solutions...

No matter which amount of substance you weigh in on your balance, Quantos QLB adds solvent to the desired concentration. Especially for substances that are hard to dose, such as pastes, this is a big advantage.



... or powder

The XP analytical balance with Q2. Thanks to the automated dosing process which takes place behind closed doors the minimum weight achievable can be lowered by 40%. Using less substance per dose improves the substance efficiency.



... or both.

The XP analytical balance with Q2 and QLB. The perfect combination. Automated high precision powder dosing or manual weighing with a spatula, you always get the right concentration.



Professional retrofitting and qualification

The METTLER TOLEDO service in your region can equip your XP balance with a Quantos Q2 powder module or QLB liquid module or both.



Experience the World of Gravimetric Dosing

The days of weighing errors, incorrect use of volumetric glassware and transcription errors are over.





Quantos sets new standards in the Lab. Automating critical steps in the workflow like weighing in, adding solvent and diluting always gives you the right results. Quantos helps to reduce out of specification results.

Quantos Kit for XP Analytical Balances

The modular concept by METTLER TOLEDO

Whether you use a classical volumetric flask or the game-changing Quantos Technology, METTLER TOLEDO has the right solution for you. The modular concept allows you to upgrade your XP analytical balance to an automatic weighing system that is also able to prepare perfect concentrations.

Significant economical and ecological benefits can be realised: a reduced amount of substance and solvent consumed, less waste and a reduced risk of contamination for the user. METTLER TOLEDO has the right solution for you.

	XP Analytical Balance	XP Analytical Balance with QLB	XP Analytical Balance with Q2	XP Analytical Balance with Q2 and QLB
Product				
Product Features	<ul style="list-style-type: none"> • XP analytical balance with color display and integrated warning and adjustment functionality. 	<ul style="list-style-type: none"> • XP analytical balance combined with Quantos QLB for automated gravimetric addition of solvent to the right concentration. • Integrated workflow guidance on the color touchscreen. • Sample and diluent identification using RFID Technology. 	<ul style="list-style-type: none"> • XP analytical balances with Q2 for fast and safe weighing of powdery substances. • Integrated workflow guidance on the color touchscreen. • Sample identification using RFID Technology. 	<ul style="list-style-type: none"> • XP analytical balance combined with Quantos Q2 and QLB for automated sample preparation to an accurate target concentration. • Integrated workflow guidance on the color touchscreen. • Sample and diluent identification using RFID Technology.
Your Benefit	<ul style="list-style-type: none"> • High End Weighing Technology combined with intelligent ergonomic features like: <ul style="list-style-type: none"> – Weighing chamber can be dismantled easily for cleaning – Ergoclip for safe positioning of target vial 	<ul style="list-style-type: none"> • Accurate results independently of the accuracy of the manual weighing. • Use of simple, cost efficient target vials. 	<ul style="list-style-type: none"> • Fatigue-proof, accurate weighing in powder up to 20 times faster than manually. • The contamination risk is significantly reduced by avoiding spillage of powder. • Yield increase of your valuable substance due to 40% reduced minimum weight. 	<ul style="list-style-type: none"> • Accurate results independently of the accuracy of the manual weighing. • The contamination risk is significantly reduced by avoiding spillage of powder. • Yield increase of your valuable substance due to 40% reduced minimum weight.
Typical Application	<ul style="list-style-type: none"> • Classical manual sample preparation using volumetric glassware. • Preparing single component standards and samples with accuracies of +/- 10%. 	<ul style="list-style-type: none"> • For the automated preparation of solutions from non powdery substances. Concentrations with precisions of 2%. 	<ul style="list-style-type: none"> • Using toxic or expensive substances where user and sample need to be protected. • Using statically charged substances • When using safety enclosures that provide limited access like weighing in glove boxes. 	<ul style="list-style-type: none"> • For automated preparation of solutions from powdery and non powdery substances. Concentrations with precisions of < 2%. • For preparation of single and multi component standards.



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