

Accessory for XP Analytical Balances

A balance has learnt how to dose



Speed

Effortless and up to 20 times faster, Quantos automatically doses 1 mg to 5 g of powder in 15 to 90 seconds.



Safety

Quantos always doses to within 0.5mg without spillage. Even with a lot of practice this is hard to achieve by hand. Quantos guarantees correct results.



Savings

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.



Professional Installation and Qualification

The METTLER TOLEDO service technician for your region can easily upgrade your balance by installing the Quantos Q2 powder dosing unit.



Automated Dosing of Small Amounts of Powders

An Excellence-XP analytical balance can easily be transformed into a Quantos powder dosing system. The Quantos technology allows you to dose 1 mg to 5 g of powder rapidly and safely directly into your target vial.

Multi-component standards and formulations can be prepared without the risk of over-filling and hence error-free. Quantos is fully automated: no powder is spilt and cross-contamination is eliminated. Hence significantly increasing the safety of both user and substance.

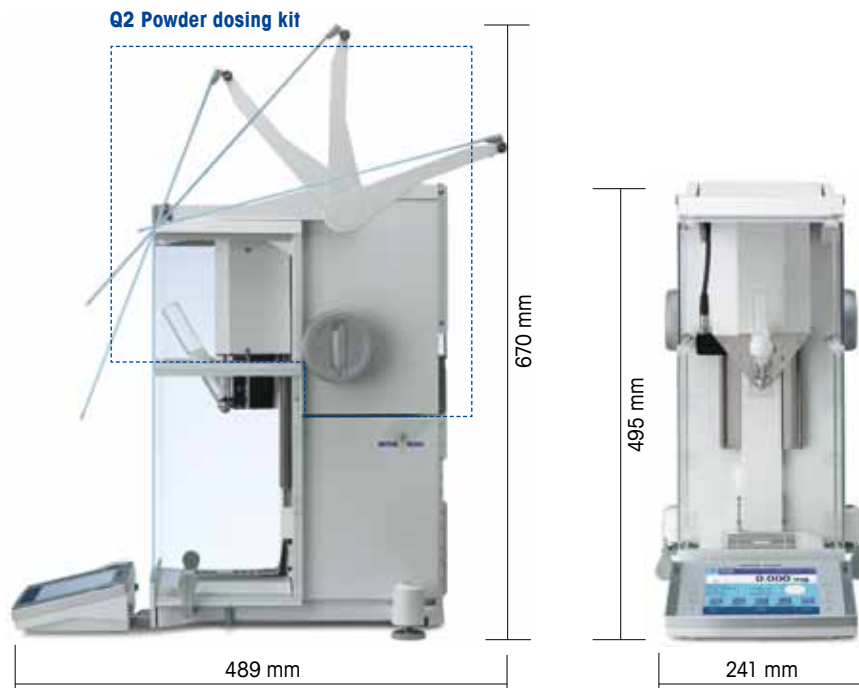
Quantos Q2 Powder Dosing Kit

for XP-Analytical balances

Compatible with the following balance models:

- XP205
- XP205 DeltaRange
- XP105 DeltaRange
- XP504
- XP504 DeltaRange
- XP204

The balance you already have in your laboratory can be upgraded with the Quantos Q2 and re-qualified by your METTLER TOLEDO service technician.



Product Features:

- Highly accurate powder dosing heads for dosing free-flowing substances.
- Simple and safe operation via colour-touchscreen, configurable in multiple-languages.
- Fully automated opening of front- and side-doors for ease of access to the weighing area.
- Data safety thanks to substance identification with RFID-chip.
- Fully conforming due to built-in warn and adjustment features.

Typical Applications:

- Routine sample preparation of powdery substances e.g. HPLC-analyses.
- Repetitive filling to within strict tolerances.
- Working with toxic/dangerous substances to protect both user and substance.
- Working with statically charged substances.
- Working within a safety cabinet where access is difficult (e.g. weighing in glove boxes).

Technical Data (Example of XP205)

Maximum weight	220 g
Readability	0.01 mg
Repeatability – (at typical weight)	0.03 mg (200 g)
Repeatability – (at low weight)	0.015 mg (10 g)
Typical minimum weight according to USP (0.1%)	
– In automated dosing mode with powder dosing head	15 mg
Typical minimum weight according to GxP (1%/2sd)	
– In automated dosing mode with powder dosing head	1.5 mg
Dosing repeatability with typical sample size (50 mg)	< 2%
Min. dose size with powder dosing head	1 mg
Max. dose size with powder dosing head	5 g



Powder Dosing Heads

With the Quantos dosing heads you can dose easily, rapidly and safely. Each head is filled with a dedicated substance. Complex cleaning procedures are not necessary and cross-contamination impossible. Valuable and sensitive substances are protected thanks to a water-tight and impact resistant transport container.



Mettler-Toledo AG

Laboratory & Weighing Technologies
 CH-8606 Greifensee, Switzerland
 Tel. +41 44 944 22 11
 Fax +41 44 944 30 60

Subject to technical changes
 © 04/2011 Mettler-Toledo AG
 Printed in Switzerland 30012927
 Global MarCom Switzerland

www.mt.com/quantos

For more information