

Dosing Head Portfolio

The Right Head for Your Application



The QUANTOS dosing head is unique

The range of applications for the QUANTOS powder dosing system is wide. To meet the individual customer requirements QUANTOS offers a range of disposable dosing heads.

To choose the right dosing head for your application, a few questions have to be answered:

- What is the total number of doses during the lifetime of your compound?
- What is the total weight of powder available?
- Do you need to dose your substance under sterile conditions?

The following overview helps you to choose the right head for your individual needs to achieve the most accurate, precise and safe results.

The Right Head for Your Application

- Disposable dosing head with impact-resistant and water-tight transport container
- Precise dosing of free-flowing substances
- No cleaning validation required thanks to consumable dosing head
- Stirrer for homogeneous samples
- All dosing head parts that come in contact with your substance are fully FDA certified
- With integrated Radio Frequency Identification (RFID) chip all information is saved and trackable



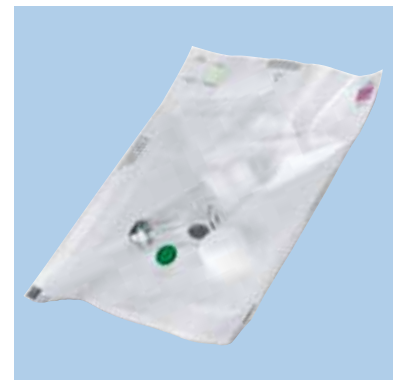
All information is available

RFID saves all information (substance ID, quantity, date, etc.) – for up to 250 error-free traceable doses. Retrieve the information via the QB1 touch screen display.

Safely sealed

After the dosing process the high-precision dosing mechanism closes.

When changing heads the danger of contamination is excluded.



Impact-resistant and sealed

Thanks to the impact-resistant and sealed transport container each head – and thus your valuable substance – is completely protected. The transport container also prevents moisture from being absorbed.

Storage containers

Turn over the QUANTOS transport container with the dosing head and place it in the storage cabinet. The sample falls back into the resistant UV glass bottle and remains stable under generally accepted storage conditions.

Sterile dosing

These heads have been sterilized with ethylene oxide, for applications where sterility is required.

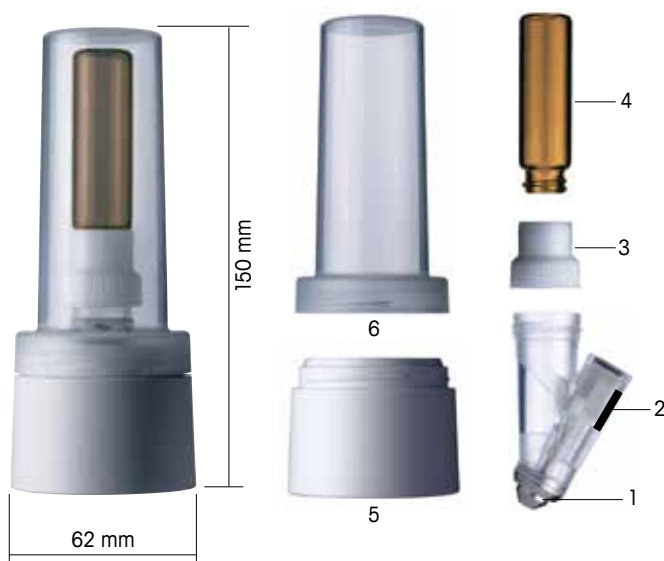
How to Choose the Right Head

		Disposable dosing head with		Disposable dosing head in bulk bag		
		<ul style="list-style-type: none"> - Adapter - Lid - UV resistant glass bottle - Impact resistant transport box - 1 manual powder test head per set 		<ul style="list-style-type: none"> - Adapter - Lid - No glass bottle - No transport box - No manual powder test head 		
		Non-Sterile	 Sterilized with ethylene oxide	Non-Sterile	 Sterilized with ethylene oxide	
25 dosings		 QH025-B 16 ml, glass bottle set of 10 pcs	not available	 QH025-B bulk set of 10 pcs	not available	Typical application Preparation of reference standards, e.g. for HPLC
		 QH075-B 16 ml, glass bottle set of 10 pcs	 QH075-BS 16 ml, glass bottle set of 10 pcs	 QH075-B bulk set of 10 pcs	 QH075-LS bulk set of 10 pcs	
250 dosings		 QH250-L 120 ml, glass bottle set of 3 pcs	 QH250-LS 120 ml, glass bottle set of 3 pcs	 QH250-B bulk set of 10 pcs	 QH250-LS bulk set of 10 pcs	Typical application Multiple dosing of compounds, e.g. stability trials, clinical trials, bottling

QH025-B / QH075-B

Dosing Head

Max. number of doses	25 / 75
Dosing repeatability	<1% at 50 mg
Capacity	16 ml



QH250-L

Dosing Head

Max. number of doses	250
Dosing repeatability	<1% at 50 mg
Capacity	120 ml



Standard equipment

1. Dosing head made of TPX and stainless steel (1.4404/1.4310)
2. RFID chip saves all information (substance ID, quantity, date, etc.) – for 25 / 75 / 250 error-free, traceable doses
3. POM adapter for accommodating all conventional glass bottles with GL18/GL38 thread
4. 16 ml / 120 ml silica glass bottles, UV-resistant
5. Stand for safe placement of the head on the laboratory table
6. Protective lid for safe transport

www.mt.com/quantos

For more information



Mettler-Toledo AG

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

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- choose the appropriate balance
- reduce costs by optimizing testing procedures
- comply with the most common regulatory requirements

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