

# Quantos Dosing Heads

## Revolutionary Lab Experience



### Robust – Precise – Accurate

A highly precise mechanism, with an integrated stirrer guarantees a homogeneous flow of the powder. A four motor driven device drives the powder flow with real time feedback from the balance, no settings to play with. Testing of thousands of different powders gave us the experience needed to best serve your powder dispensing needs.



### Intelligent Dosing Head

The integrated RFID chip learns powder characteristics, optimizes the dosing accuracy and speed. All information (substance ID, quantity, date etc.) is saved and can be printed or called up at the touch of a button for 100% traceability ensured. No training required simply place the head on your Quantos device and start working.



### Enhanced safety

The dosing head is attached to the container for the lifetime of your substance. A single dosing head for each powder eliminates cross contamination risk. Thanks to the impact resistant and sealed transport container, each head and thus your valuable substance is completely protected. The transport container prevents moisture from being absorbed and is very low temperature compatible.










### Get ahead

The intelligent dosing head has been developed to dose free flowing powdery substances such as APIs or reference standards where purity and quality of substance is essential and of highest importance.

The use of a closed system avoids cross-contamination and protects the user, the substance and the environment. Simple dosing head portfolio: you've got the application – we've got the head.

# The Right Dosing Head for the Right Application

How often is your substance dispensed?	Target quantity?	Initial filling volume needed?	Transport box needed? (LxH) 62x150mm 94x200mm	Recommended number of doses	Max. number of doses	FDA compliance needed?	Product
Around 10 times	Up to 1g	Up to 12 mL	no	36	99	no	QH012-ZNM bulk 11150115 
20 times (and more)	Up to 1g	Up to 8 mL	no	250	999	yes	QH008-BNM bulk 11141533 
		Up to 12 mL	no			yes	QH012-LNM bulk 11141532 
		Up to 16 mL	yes			yes	QH016-BNM 11141503 
		Up to 120 mL	yes			yes	QH120-LNM 11141502 
	From 1g to several grams	Up to 12 mL	no			yes	QH012-LNL bulk 11150144 
		Up to 120 mL	yes			yes	QH120-LNL 11150145 

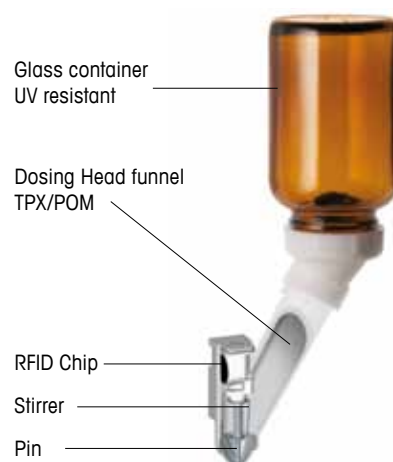
## Technology

FDA compliant dosing heads are made out of TPX polymer and 316L/1.4404 stainless steel. This material combination features excellent electrical chemical and physical properties, focusing on professional laboratory environment and best weighing practices. For non regulated environments POM material heads are available. Sterilized heads available on request.



## Usage concept

No cleaning is needed, the dosing heads are assigned to a single substance. The lifespan of the dosing instruments depends on the powder type and amount dispensed. METTLER TOLEDO recommends a dosing cycle limit. If requested and compatible with the substances dosed the limit can be set differently to better serve a specific application. Consult our chemical reference table for performance data at: [www.mt.com/quantos](http://www.mt.com/quantos)



## 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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