

Manual dosing unit Omnidose "TT"

For dosing powder volumes
from 1 – 25 mg.



The laboratory tabletop device Omnidose "TT" is to be used preferentially for the dosing of extremely cohesive powders in micro-quantities. The fill amounts from 1 mg upwards have to be precisely dosing.

The dosing device is suitable for verification of the flow properties of inhalation powders and slow-flowing powders. Furthermore, it provides support in the manufacture of clinical tests.

Features of the Omnidose "TT":

- Powder dosing between 1 – 25 mg of extremely cohesive powders
- Powder particle size from 1 μm upwards

- Residual powder volume 5 mg in the powder hopper
- "Upscalable" dosing technology
- Glove box for protection of the powder and operator
- Regulation of the air humidity and temperature for the achievement of optimized dosing results
- Dosing volume adjustable via sizeparts

The powder is filled manually into the powder supply chamber. The powder is homogeneously distributed by way of an agitator. A container is positioned under the dosing boring. The dosing unit is positioned above the container by means of a handwheel.

Dosing of the specified powder amount is performed by changing from over to under pressure.



Analysis of powder in the protective cubicle.

Technical data

Output	approx. 5 - 10 dosings / min. depending upon filling weight and powder characteristics
Containers	vials, capsules, blisters, stainless steel vials, etc.
Connection data	p = 5 bar