

Solids Dispenser SDH-1

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The handheld **Solids Dispenser SDH-1** can dispense calibrated volumetric doses (and multiples) of solids in a highly precise and repeatable fashion.

The SDH-1 increases lab productivity and at the same time ensures process accuracy. Compared to other techniques the volumetric dispensing is particularly fast (2.5-3.5sec. per dose). Due to its compact handheld configuration it is easy to integrate in the workflow and alleviates tedious repetitive tasks. The dispensing heads are interchangeable to enable running several materials with different dose size and no cross-contamination.

SDH-1 can be used to dispense typically from 2 mg up to 250 mg in a single shot (depending on material), or higher in incremental dispensing.



Workflow

- Solids are introduced in the device by attaching standard glass vials. Two sizes of these vials are available.
- Dispensing heads are detachable and can be swapped for rapid change of material without cleaning.
- Powder doses can be selected in 1-99 incremental volume steps with dispensing cycles displayed.
- Cordless rechargeable operation.



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Performance

- Volumetric dispensing head calibrated to your specific requirement
- Discs can be exchanged for different dose size

Features

- Exchangeable dispensing heads for quick swap of materials without cross-contamination
- Cradle for wall mount and bench top



Specifications

- Typical single dose size: 5 to 250 milligram (depending on material / bulk density)
- Accuracy: +/- 3%, depending on materials
- Dosing cycle time: 2.5 - 3.5 sec.
- Sample vials: Diameter 28 mm glass screwthread, available in 40ml or 60 ml, 24-400 thread neck size
- Size: 225 mm x 152 mm x 54 mm
- Weight: 580g
- Charger switching: 115V / 230V
- Power rating: 5W max

