

Solids Dispenser SDH-1

01

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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02



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

