

Powder Crusher and Dispenser PCD-1

01

The **Solids Dispenser and Crusher PCD-1** can dispense and crush freely selectable gravimetric doses of solids in a highly precise and repeatable fashion as a closed loop system. It can crush cake bulk hygroscopic powders and can be used to reduce lumps & break up agglomerates in pharmaceuticals, biological, chemical and food industries.

The PCD-1 increases lab productivity, protects occupational health and safety and at the same time ensures process accuracy.

Workflow

- Solids are stored in a re-movable container which can hold up to 15kg of material (size can be customised).
- Dispensing is controlled from a computer on which dose size can be entered in proprietary software. Dosing is into a second container mounted on a scale. Dispensing will taper off towards target and cut off when the dose target entered is reached.
- Scale brand and models selection can be customised.



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02



Performance

- Dispensing volume of up to 15kg
- Accurate dispensing of freely selectable doses
- Usable with different solids/powders
- High repeatability
- High accuracy
- Easy to use and maintain



Features

- Controlled by computer with proprietary software
- Integrated scale
- Removable powder container and collection bin for easy maintenance

Specifications

- Typical single dose size: single grams to kgs
- Size: 980mm (L) x 420mm (W) x 680mm (H)
- Empty weight: 10kg
- Power Supply: 230VAC
- Power rating: 80W

