

Portable Scalable Bulk Powder Collector Model SC-V10

Seacoast Science's bulk powder vacuum is designed for high-efficiency collection of powder evidence. The device has a modular design consisting of a reusable vacuum handle with detachable single-use collection nozzles. This design makes the collection process easy while reducing potential cross-contamination and exposure to the user.

Applications

Collection of bulk powders such as biological spores, explosive particles and powder drugs for forensic testing

Special Features

- Hand-held operation
- Uses 8 Commercial Off-The-Shelf (COTS) AA batteries
- Lightweight (less than two pounds)
- Allows for collection from smooth as well as non-smooth surfaces
- Samples are isolated into a individual collection containers
- Scalable to larger collection quantities
- Modular design with reusable vacuum handle & twist locking release on collection nozzles
- Extension hose accessories attachments include



Specifications

Dimensions:

Length 6.38" (162 mm)

Width 1.99" (50.7 mm)

Height 8.58" (218 mm)

Weight 1 lb 12 oz (794 g)

Battery Life: > 100 1-minute on/off cycles

Collection Vial Size: Come with standard 20mL glass vial. Replaceable with any vial with 22/400 thread finishes

Particles Size: 0.45 microns up to ~ 350 microns in size

Collection Efficiency: Collects at > 95% efficiency with ~ 85% of collected particles trapped in removable/re-sealable collection vial



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