

Powder Vacuum

Portable Bulk Powder Collector - Model SC-V10

Seacoast Science's powder vacuum is designed for high-efficiency collection of bulk powders. 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 and powder drugs for forensic testing.

Features

- Hand held operation
- Uses 8 Commercial Off-The-Shelf (COTS) AA batteries
- Lightweight (less than two pounds)
- Allows for collection from smooth or rough surfaces
- Single-use collection nozzles
- Samples are isolated into a collection vial
- Scalable to larger collection quantities
- Modular design with reusable vacuum handle & twist-lock release on collection nozzles
- Extension hose with control wand accessory
- Typical Collection Efficiency: $\geq 85\%$ of particles trapped in removable/re-sealable collection vial



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Specifications

- Dimensions:
 - Length 6.4" (162mm)
 - Width 2.0" (51mm)
 - Height 8.6" (218mm)
- Weight 1 lb. 12 oz. (800 g)
- Battery Life: Greater than 100 1-minute on/off cycles
- Particles Size: Collects from 0.45 microns up to ~ 350 microns in size



Powder Collector Sampling Kit (SC-V10K):

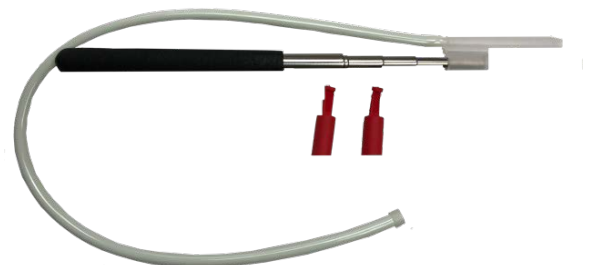
- 1 - Vacuum Pump Handle
- 3 - Collection Nozzles with 20 mL Vial (built in filter)
- 1 - Extension Accessory (18" extension tube with control wand)
- 1 - User Manual and Quick Start Reference Card
- 8 - AA Alkaline 1.5 volt Batteries



Accessories available individually:

Extension Accessory

The Extension Accessory is an 18-inch tube with collection nozzle and an extending wand. (SC-VAP01)



Powder Collection Nozzle with 20 mL collection vial

Powder Collection Nozzles w/ 20 mL vial (Built in Filter) for user with SC-V10. Sold individually (SC-VPC1-20) or in sets of four (SC-VPC4-20),



Powder Collection Nozzle with 4 mL collection vial

Powder Collection Nozzles w/ 4 mL vial (Built in Filter) for user with SC-V10. Sold individually (SC-VPC1-04) or in sets of four (SC-VPC4-04),



More Information or to Order

For more information visit www.seacoastscience.com. To place a new order for the SC-V10 kit or an order for replacement nozzles and accessories contact Seacoast Science at **760-268-0083**.

Limited Warranty: To the first user purchasing this scalable vacuum collection device, Seacoast Science warrants that this unit will be free of defects in material and manufacture for a period of one (1) year from the time of purchase. Should any failure to conform to this warranty happen within this period, and upon notice to Seacoast within the said one (1) year period and upon proof of purchase, Seacoast shall, at its option, either repair or replace the defective product. It will be the purchaser's responsibility to return the product, freight prepaid, to the service location specified by Seacoast. These remedies are the purchaser's exclusive remedies for breach of this warranty.

Notice:

The technical specification and product descriptions are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product, which are not contained in Seacoast Science, Inc. current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of Seacoast Science, Inc.



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