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The Buck VSS-1™ (Validated Sampling System) is the smartest, most powerful low-flow data-logging pump for industrial hygiene, personal and area sampling, environmental sampling, and occupational health studies. Its advanced design, easy programmability, advanced operating software, and powerful sampling performance combine to give you everything you need in one pump. You can link a sample number, pump serial number, calibrator serial number, calibration data, and performance data to prove a valid sample. And one-hour recharging, interchangeable battery packs, built-in battery maintenance software, and confident sampling in Constant Pressure mode (sorbent tubes) without tools or accessories means you save time and money while ensuring an efficient, valid sample.

Buck - VSS-1™ Validated Sampling System



The Most Powerful Low Flow Data-Logging
Sampling Pump for dedicated Low Flow
(5 to 600 cc/min) applications



Features:

- Validated Sample System maintains sample integrity
- Compact, Lightweight, and Ultra-quiet
- Automatic Data Logging holds up to 10 days operating history
- Print Pump Sampling History Direct to Printer
- EZ-Backlit™ Display for fast set-up and operation
- Programmable in five languages: English, Spanish, French, German, and Dutch
- Constant Flow Compensation up to 60" water back pressure
- One-hour rechargeable, interchangeable battery packs
- Fully programmable for "Duration" or "Start-Stop" operation
- Built-in Battery Maintenance program plus Battery Time Left display
- Automatically corrects for temperature and pressure changes
- Ideal for all sorbent tube and low-flow applications

BUCK
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VSS-1™

Specifications

Subject to change without notice

Model: Buck VSS-1™

Total Flow Range: 5-600 cc/min

Constant Flow Range:

100-600cc/min Use non-adjustable
Low Flow Tube Holder APB-109032

Constant Pressure Range: 5-100 cc/min

Use Low Flow Holder APB-109033

Accuracy: ± 3% of set point

Rechargeable NiCad Batteries: 4.8V, 1.5Ah

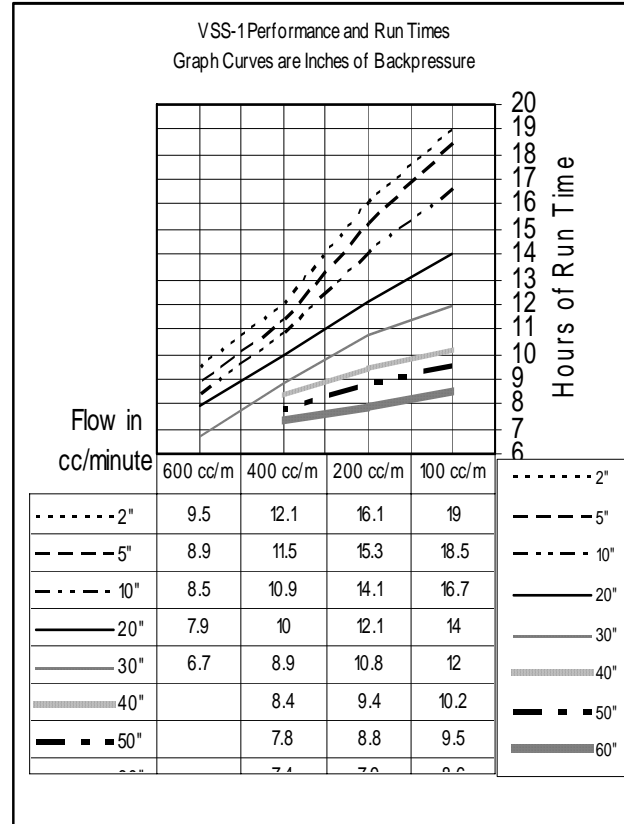
Operating Temp. Limits:

32°F to 104°F (0°C to 40°C)

Size: 4.5"H x 4"W x 2"D

11.4 cm H x 10.2 cm W x 5 cm D

Weight: 19 oz (539 g)



Pump Kits

APB-927000 Buck VSS-1™ Pump Kit, **ETL, cETL, CE**, includes pump with battery pack, Luer hose adapter, shirt/hose clip, 3 feet of vinyl hose and Operating Manual. **Order Pump Charger and Accessories separately.**

APB-927200 Buck VSS-1™ Pump Kit - same as above except intrinsic safety listed as **EX, D, and CE**

APB-942700 Buck VSS-1™ Pump **Five-Pack, ETL, cETL, CE**, includes 5 each: VSS-1™ pumps with battery packs, Luer hose adapter, shirt/hose clip, 3 feet of vinyl hose, two Operating Manuals, one *FastFive™* Charger 90-240VAC, in durable hard plastic case with lifetime warranty that accommodates additional accessories. **Order Accessories separately.**

APB-942710 Buck VSS-1™ Pump Five-Pack - same as above except intrinsic safety listed as **EX, D, and CE**

Pump Chargers*

APB-601900 *FastOne™* Charger Single Station, 90-240 VAC , GS/TUV. Charging time ONE Hour

APB-605900 *FastFive™* Charger Five Station, 90-240 VAC , GS/TUV. Charging time ONE Hour

APB-603900 Single Station Charger, 120VAC, Charging time 8 Hours

APB-603910 Single Station Charger, 230VAC , GS/TUV. Charging time 8 Hours

Accessories

APB-109030 Universal Adjustable Low Flow Sorbent Tube Holder, for flow rates of 5-800cc/min in Constant Pressure Mode includes APB-109022 Protective Tube Cover

APB-109032 Non-Adjustable Low Flow Sorbent Tube Holder, for flow rates greater than 800cc/min in Constant Flow Mode includes APB-109022 Protective Tube Cover

APB-129022 Standard rechargeable NiCad battery, **ETL, cETL, CE**

APB-129020 Standard rechargeable NiCad battery, **EX, D, CE**

APB-129322 Extended run, rechargeable NiCad battery, **ETL, cETL, CE**, gives you 300% more run time per charge

APB-129320 Extended run, rechargeable NiCad battery, **EX, D, CE**, gives you 300% more run time per charge

APB-109056 AC Power Supply, 90-240VAC, plugs into the battery pack for continuous operation, **in non-hazardous area only**

APB-109012 VSS Printer Cable, allows VSS Series pumps to print Sample History Reports direct to printer

APB-109100 VSS PC Link Express™ Software Package, including one CD-ROM, one APB-109048 Communication Cable, one 9-25 pin adapter, installation instructions

APB-109048 VSS Communication Cable, 6 pin mini-DIN to 9 pin DSUB connector

APB-109060 Nylon Pouch includes belt loop, shoulder strap, clear plastic window on front flap and is washable

* Charging time depends on battery discharge level.
EX, D designations for European markets