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Buck-VSS-12™ Super High Flow Validated Sampling System

The Buck VSS-12™ (Validated Sampling System) is the smallest, most powerful 12 liter 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. Fast recharging, interchangeable battery packs, and built-in battery maintenance software means you save time and money while ensuring an efficient, valid sample.



The Smallest, Most Powerful Data-Logging Pump
for High Flow (2-12 LPM) applications

Features:

- **Validated Sample System maintains sample integrity**
- **Ideal for I.H. and IAQ, low concentrations, environmental sampling**
- **Displays: flow, cumulative volume, elapsed time, temperature, pressure**
- **Automatic Data Logging preserves pump history**
- **Prints Pump Sampling History direct to printer**
- **Programmable in five languages: English, Spanish, French, German, Dutch**
- **EZ-Backlit™ Display for fast set-up and operation**
- **Constant Flow Compensation up to 60" water back pressure**
- **Three-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**

BUCK
A.P. BUCK, INC.

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VSS-12™



VSS -12 Performance and Run Times
Graph Curves are Inches of Backpressure

Specifications

Subject to change without notice

Model: Buck VSS-12™

Total Flow Range:
2-12 LPM
(2,000-12,000 cc/min)

Constant Pressure Mode:
5-2,000cc/min

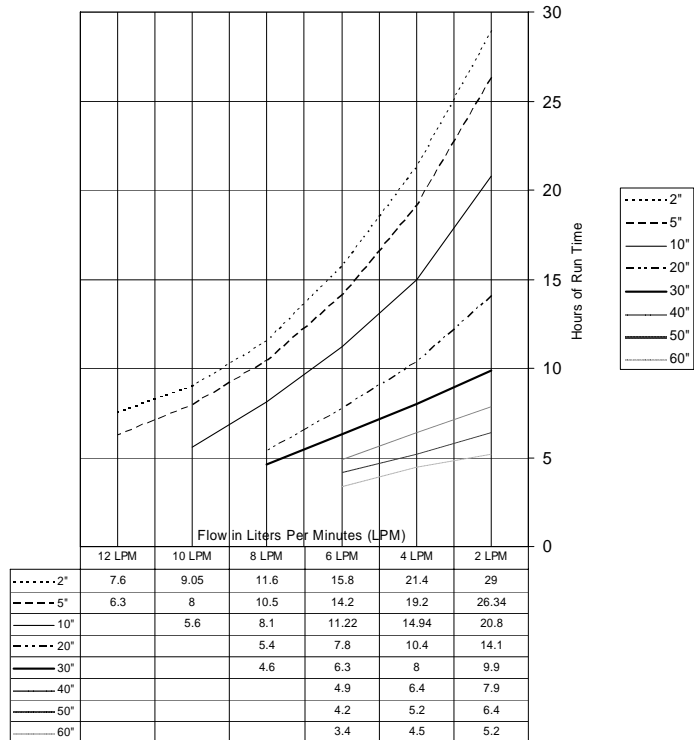
Accuracy: ± 3% of set point

Rechargeable NiCad Batteries:
4.8V, 4.5aH

Operating Temp. Limits:
32°F to 104°F (0°C to 40°C)

Size: 5.75" H x 4" W x 2" D
14.6 cm H x 10.2 cm W x 5 cm D

Weight: 29.5 oz (836 g)



Pump Kits

- APB-909000 Buck VSS-12™ Pump Kit, **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-940600 Buck VSS-12™ Pump Five-Pack, **CE**, includes 5 each: VSS-5™ 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.**

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-109130 Extended Run, rechargeable NiCad battery, for VSS-12™ and Basic-12™ pumps only, non-(ETL, cETL, EX, D), CE
- 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-109062 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