

The *BUCK-BASIC™* is the smallest, most powerful 5 liter basic sampling pump that handles personal and area sampling. Its advanced design, rugged dependability, and powerful operating features give you everything you need in one pump. The Buck Basic-5™ combines industry-leading one-hour recharging, interchangeable battery packs, built-in battery maintenance program, “Auto-restart” protection after flow fault, intrinsic safety, EMI-RFI protection, and water-dust resistance in a single, compact package. Plus flow verification is fast and easy with the reliable mini-BUCK Calibrator. You save time and money while ensuring an accurate, efficient sample from every pump.



The Smallest, Most Powerful 5-Liter Sampling Pump for High Flow (0.8 to 5 LPM) and Low Flow (5 to 800 cc/min) applications



Features:

- Basic, dependable pump for personal and area sampling
- Dual flow range easily handles filters, impingers, cyclones, and tubes
- Rugged construction stands up to everyday use
- Lightweight, Compact, Easy-to-use
- Easy keypad entry flow calibration with “Power Bar”
- Exclusive One-hour rechargeable, interchangeable battery packs
- Percent Battery Charge Remaining feature puts you in control
- “Auto-restart” after flow fault
- EZ-Backlit™ Display for fast set-up and operation
- Programmable in three languages: English, Spanish, French
- Constant Flow up to 60” water back pressure
- Built-in Battery Maintenance program



Rev. 01-2006

Performance Profile

Flow Range: 5-5000 cc/min

5-800cc/min with Universal Low Flow Holder

Compensation Range:

- 5000 cc/min up to 2" water back pressure
- 4000 cc/min up to 10": water back pressure
- 3000 cc/min up to 30": water back pressure
- 2000 cc/min up to 60": water back pressure
- 1000 cc/min up to 60": water back pressure

Accuracy:

5% or less of Compensation Range

Run Times:

	cc/min				
	5000	4000	3000	2000	1000
2"	8.4Hr	9.9Hr	11.8Hr	14.5Hr	18.5Hr
5"		8.3Hr	10.4Hr	13.2Hr	17Hr
10"		7.1Hr	8.8Hr	11.1Hr	14.5Hr
20"			6.6Hr	8.2Hr	9.8Hr
30"			5.4Hr	6.6Hr	8.1Hr
40"				5.7Hr	6.6Hr
50"				5.1Hr	5.6Hr
60"				4.6Hr	5Hr

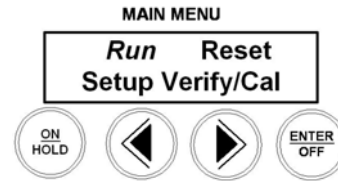
Data Storage: Last flow rate, elapsed clock time and accumulated volume is saved into memory until cleared for next sampling.

Display: Backlit LCD with 2 lines by 16 Characters

Normal Operation: Battery Level, Flow Rate, Elapsed Time, Volume Collected, Timer

Flow Fault Displays: Flow Fault, or Filter Off

Operating Instructions



Menus. A 4-function "Main Menu : (Run, Reset, Setup, Verify/Cal) provides the ability to select sample flow rate, clear previous data and pump settings, put pump on "HOLD", and turn the pump off, all through direct entry or various sub-Menus. Additional Menus allow Password Lock option, types of Flow Control and Language selection.

Specifications

Power Supply:

Single Pack, NiCad Batteries: 4.8V, 1.5 aH
Triple Pack, NiCad Batteries 4.8V, 4.5 aH

Recharge Time:

	Battery	FastOne™	FastFive™	Standard
Single Pack		1Hr	2Hr	16Hr
Triple Pack		3Hr	6Hr	

Fast-Chargers: input voltage 100 to 240 VAC

Standard-Chargers: Input Voltage 120 VAC or 230 VAC

Approvals:



Temperature:

Operating 32°F to 113°F (0°C to 45°C)
Storage 32°F to 113°F (0°C to 45°C)
Charging 41°F to 104°F (5°C to 40°C)

Case: Polycarbonate steel fiber filled, RFI/EMI-shielded
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 (539g)

PRODUCT	DESCRIPTION
APB-929100	*BUCK-BASIC™ 5 Pump Kit
APB-942950	**BUCK-BASIC™ 5, 5-pack Pump Kit
APB-109030	Adjustable Universal Low Flow Holder

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* Pump kit includes pump with a single pack NiCad battery, standard 120 VAC battery charger, adjustable low flow holder, Luer hose adapter, shirt/hose clip, 3 feet of vinyl hose and operating manual.

** Pump 5-pack includes 5 each: pumps with single pack NiCad batteries, adjustable low flow holder, Luer hose adapter, shirt/hose clip, and 3 feet of vinyl hose. Also included: two operating manuals, one *FastFive™* charger 100-240 VAC, and a durable hard plastic Pelican 1500 case with a lifetime warranty that accommodates additional accessories.