

mini-Buck™

Primary Flow Calibrator

The first electronic gas flow standard,
NIST traceable with accuracy of $\pm 0.5\%$

Features:

- Compact, Lightweight, Easy to Use
- Instant readout of flow rate
- Wide choice of flow ranges:
 - Model M-1 0.1 to 300 cc/min
 - Model M-5 1 to 6,000 cc/min
 - Model M-30 100 cc to 30 LPM
- One button control for fast, easy one-hand operation
- Works at any altitude, not affected by temperature changes
- Microprocessor controlled for fast, accurate, repeatable measurements
- Rechargeable battery with 8-hour continuous use rating
- Suitable for verifying, rotameters, setting instrument panels, laboratory gas flow calibrations, anywhere a reliable, accurate measure of flow is required



The mini-BUCK™ Primary Flow Calibrator is the industry standard for day-to-day flow verification and calibration of your personal and environmental sampling pumps. It is also suitable for verifying rotameters, setting instrument panels, and calibrating laboratory instrumentation. No more lugging oversized calibration panels. No more rotameter inaccuracies. The mini-BUCK™ is accurate at any altitude and can be used for flow measurements in-line with sampling media. Rugged design provides fast, one-handed operation with an easy-to-read LED display visible even in sunlight. The unit automatically displays averaged readings of volumetric flow and is NIST traceable with display accuracy of $\pm 0.5\%$. Now you have the advantage of accuracy and portability in one compact package that can be used in the lab or in the field : the mini-BUCK™ Primary Flow Calibrator.



www.apbuck.com

A.P. Buck, Inc.

7101 Presidents Drive • Suite 110
Orlando, FL 32809 • Ph 800-330-2825
407-851-8602 • Fax 407-851-8910
E-mail: apbuck@apbuck.com

09 Feb 2001

Specifications

Specifications subject to change without notice

Model:	mini-Buck™ M-1, M-2, M-3
Flow Range mini-Buck unit:	Model M-1 0.1 – 300 cc/min Model M-5 5 – 5000 cc/min Model M-30 100 cc/min – 30 LPM
Accuracy	± 0.5% of any display
Rechargeable NiCad Batteries:	sub C pack
Operating Temperature Limits:	32° to 104° F (0° to 40°C)
Size:	5.5 x 6 x 2.5 inches (14 x 15.3 x 6.4 cm)
Weight:	24 oz. Model M-5 (740 g)
Warranty:	One year

Part Numbers

mini-Buck™ Calibrators

APB-801000	M-1 mini-Buck™ Calibrator 0.1 – 300 cc/min 120VAC, includes calibrator, AC adapter/charger, soap solution, dispenser bottle, operating manual
APB-801010	M-1 mini-Buck™ Calibrator 0.1 – 300 cc/min 230VAC, includes calibrator, AC adapter/charger, soap solution, dispenser bottle, operating manual
APB-805000	M-5 mini-Buck™ Calibrator 1 - 6000 cc/min 120VAC, includes calibrator, AC adapter/charger, soap solution, dispenser bottle, operating manual
APB-805010	M-5 mini-Buck™ Calibrator 1 - 6000 cc/min 230VAC, includes calibrator, AC adapter/charger, soap solution, dispenser bottle, operating manual
APB-803000	M-30 mini-Buck™ Calibrator 100 cc/min – 30 LPM 120VAC, includes calibrator, AC adapter/charger, soap solution, dispenser bottle, operating manual
APB-803010	M-30 mini-Buck™ Calibrator 100 cc/min – 30 LPM 230VAC, includes calibrator, AC adapter/charger, soap solution, dispenser bottle, operating manual

Calibrator Accessories

APB-108015	Sub C pack Battery for mini-Buck™ Calibrator
APB-107014	Air Inlet Caps (pkg. 2)
APB-108000	Carrying Case, small, accommodates calibrator and accessories
APB-108010	120VAC Adapter-Charger for mini-Buck™ Calibrator
APB-108012	230VAC Adapter-Charger for mini-Buck™ Calibrator
APB-108016	mini-Buck™ Calibrator Operating Manual
APB-107030	Soap solution, 8 oz. Bottle
APB-107032	Dispenser bottle, 1 oz.

09 Feb 2001