



MINI BUCK CALIBRATOR

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 Calibrator™** 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. Flow cells are sun shielded, with a sealed bubble stem for pressure readings, easy to clean, won't leak even if unit is inverted. The mini-BUCK Calibrator™ 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 Calibrator™.

- Compact, Lightweight, Easy to Use
- Instant readout of volumetric flow rate for either vacuum or pressure pumps
- Wide choice of flow ranges:
 Model M-1 0.1-300cc/min
 Model M-5 1-6,000cc/min
 Model M-30 100cc/min-30LPM
- One button control for fast, easy one-hand operation
- Works at any altitude without correction, resistant to temperature changes
- Microprocessor controlled for fast, accurate, repeatable measurements
- Rechargeable, replaceable battery pack with 8-hour continuous use rating
- Suitable for verifying rotameters, setting instrument panels, laboratory gas flow calibrations, anywhere are liable, accurate measure of flow is required
- Certificate of Calibration shipped with each unit

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



M-1 0.1-300 cc/min
 M-5 1-6000 cc/min
 M-30 0.1-30 LPM

Specifications

Accuracy: $\pm 0.5\%$ of any display reading

Rechargeable NiCad Batteries:
 4.8V Ni-Cad battery pack

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

Dimensions: 5.5L x 6W x 2.5D inches
 (14L x 15.3W x 6.4D cm)

Warranty: One year parts and labor

Model	Flow Range
Model M-1	0.1-300cc/min
Model M-5	1-6,000cc/min
Model M-30	100cc/min-30LPM



BU-801000 

M-1 mini-BUCK Calibrator™, 0.1-300 cc/min, 120VAC standard charger
Soap solution, dispenser bottle, operating manual

BU-801010 

M-1 mini-BUCK Calibrator™, 0.1-300 cc/min, 230VAC standard charger
GS/TUV, soap solution, dispenser bottle, operating manual

BU-805000 

M-5 mini-BUCK Calibrator™, 1-6,000 cc/min, 120VAC standard charger
soap solution, dispenser bottle, operating manual

BU-805010 

M-5 mini-BUCK Calibrator™, 1-6,000 cc/min, 230VAC standard charger
GS/TUV, soap solution, dispenser bottle, operating manual

BU-803000 

M-30 mini-BUCK Calibrator™, 100 cc/min-30 LPM, 120VAC standard
charger , soap solution, dispenser bottle, operating manual

BU-803010 

M-30 mini-BUCK Calibrator™, 100 cc/min-30 LPM, 230VAC standard
charger GS/TUV, soap solution, dispenser bottle, operating manual

Calibrator accessories / Replacement parts

BU-108015

4.8V Ni-Cad Battery pack

BU-107014

Air Inlet Caps (pkg. 2)

BU-108000

Pelican 1400 Carrying Case: Outside dimensions 13 3/8" x 11 5/8" x 6",
Lifetime Warranty Approval Marks: IP 67, ATA Specification 300, Military
Standard C-4150J

BU-108010 

120VAC Standard Charger

BU-108012 

230VAC GS/TUV Standard Charger

BU-108016

Operating Manual

BU-107030

8oz Soap solution

BU-107032

1oz Dispenser bottle
