

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* CalibratorTM 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*TM automatically displays averaged readings of volumetric flow and is NIST traceable with display accuracy of ± 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

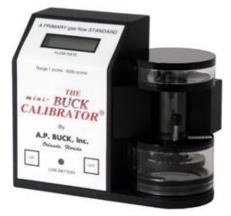
 Model
 M-5
 1-6,000cc/min

 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 a reliable, ac-curate measure of flow is required
- Certificate of Calibration shipped with each unit

For more information, contact us : Pacwill Environmental 905.563.9097 Toll-Free (Canada): 1-866-840-0014

sales@pacwill.ca www.pacwill.ca The first electronic gas flow standard, NIST traceable with accuracy of ± 0.5%

TechBrief T300-403



M-1 0.1-300 cc/min



M-5 1-6000 cc/min



M-30 0.1-30 LPM





The mini- BUCK CALIBRATORTM

M-1, M-5, M-30



SPECIFICIATIONS

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

PRODUCT	DESCRIPTION		
APB-801000	M-1 mini-BUCK Calibrator TM , 0.1-300 cc/min, 120VAC standard charger c Soap solution, dispenser bottle, operating manual		
APB-801010	M-1 <i>mini-BUCK Calibrator</i> TM , 0.1-300 cc/min, 230VAC standard charger GS/TUV, soap solution, dispenser bottle, operating manual		
APB-805000	M-5 <i>mini-BUCK Calibrator</i> TM , 1-6,000 cc/min, 120VAC standard charger c soap solution, dispenser bottle, operating manual		
APB-805010	M-5 <i>mini-BUCK Calibrator</i> TM , 1-6,000 cc/min, 230VAC standard charger GS/TUV, soap solution, dispenser bottle, operating manual		
APB-803000	M-30 mini-BUCK Calibrator TM , 100 cc/min-30 LPM, 120VAC standard charger , soap solution, dispenser bottle, operating manual		
APB-803010	M-30 mini-BUCK Calibrator TM , 100 cc/min-30 LPM, 230VAC standard charger GS/TUV, soap solution, dispenser bottle, operating manual \mathbf{CE}		
CALIBRATOR ACCESSORIES / REPLACEMENT PARTS			
APB-108015	4.8V Ni-Cad Battery pack		
APB-107014	Air Inlet Caps (pkg. 2)		
APB-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		
APB-108010	120VAC Standard Charger 🛛 🕵		
APB-108012	230VAC GS/TUV Standard Charger CE		
APB-108016	Operating Manual		
APB-107030	8oz Soap solution		
APB-107032	1oz Dispenser bottle		

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