

# 복합 유량교정기 Multi Flow Calibrator

## 용도 Applications

- 각종 유량계 및 Pump 유량 보정
- 5 ~ 50,000 sccm사이의 유량교정
- 3개 채널사용으로 셀교환 필요없음

## 특징 Features

- Low, Med, High 3개셀 동시 장착
- 자동모드에서 연속적으로 유량측정
- ISO 17025에 준하여 제작
- 유량 정확도 최고의 제품



Model : ML-one

## SPECIFICATIONS

### ML One™ Product Specification

Flow Range	5– 50,000 sccm
Low tube	5–500 sccm
Medium Tube	350– 5,000 sccm
High Tube	3,500 –50,000 sccm
Measurement Gas Pressure Range	Atmospheric Pressure +/- .5PSIA
Temperature Range – Operating	15 to 30°C
Temperature Sensors (one per Tube)	Accuracy +/- .03% (max), sensor is located in incoming gas stream
Temperature Range – Storage	0 to 70°C
Pressure Transducer	0–16 PSI(absolute), accuracy .05% FS
Gas Compatibility / Wetted path materials	Gases compatible with (316/304 SS, borosilicate glass, Teflon, AFLAS elastomeric)
Compressibility Factor Correction	User selection of gases to apply compressibility factor correction for non-ideal gas behavior
Language Selection for Display	English, German, Spanish, Italian, Dutch
Power Supply	External Power Module Input: 100–240VAC, 1.5A 50–60 Hz Output: 24VDC, 3.0A
User Interface	Touch screen or via Commands through data port
Data Port Connections	RS-232 and USB
Inlet and outlet fitting	1/2 inch VCR
Approximate Measurement Interval	flow dependent (.5 – 60 seconds) typical 2 seconds
Dimensions	22" (56cm) w x 15" (38cm) h x 13" (33cm) d
Weight	62 lbs -28 kilograms
Warranty	1 year
ROHS Compliant	YES
<b>Measurement Uncertainty</b>	
Standardized Flow	0.15% of reading and +/- 0.01 sccm
Volumetric Flow	0.15% of reading and +/- 0.01 ccm