

고정밀 유량 교정기 (High Accuracy Mass Flow Multi-Meter)

용 도(Applications)

- 고정밀의 유량 측정 및 교정
- 양방향의 유량, 온도, 차압 및 습도 측정
- Air, O₂, N₂의 유량 측정
- CPAP, 의료용 양압기 유량 확인

특 징(Features)

- 1ms 속도로 실시간 그래픽 기능 구현
- 4개의 측정값을 동시에 표시하는 컬러 터치 스크린
- 다양한 튜브에 연결 가능하여 활용성 증대
- 데이터 저장 및 전용 소프트웨어 제공

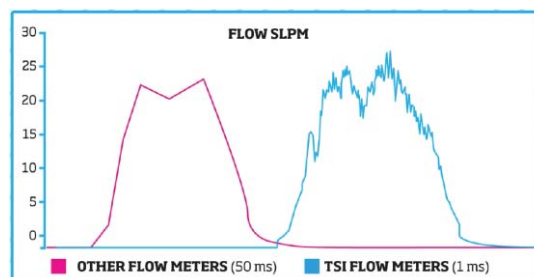
HIGH ACCURACY



High Model : 5230-2 / 5330-2

SPECIFICATIONS

Model	5230-2	5330-2
GAS	Air, O ₂ , N ₂	
Flow Range	±30 L/min	±300 L/min
Flow Accuracy	1.5% of reading or 0.005 L/min for forward flows, 2% of reading or 0.05 L/min for reverse flows	1.5% of reading or 0.05 L/min for forward flows, 2% of reading or 0.05 L/min for reverse flows
Volume Range	0.002 ~ 99 L	0.004 ~ 99 L
Volume Accuracy	2% of reading or 1 mL	2% of reading or 1 mL
Tube Adapters	3/8 inch, 1/4 inch, 10mm	22mm ISO, 1/2 inch
Tube Options	-	3/4 inch, 3/8 inch NPT, 15mm ISO
Relative Humidity	10-90% RH, ±3%	
RH Unit	% RH, Dew Point (° C, ° F)	
Temperature Sensor	Range -10 to 50°C, ±1°C	
Display	2.8 inch Color LCD Touchscreen	
Internal Storage	1 GB storage, max 20 datalog files	
Digital Output	USB, RS-232 Serial using an optional USB-A to RS232 converter cable	
Power	5.0 VDC ±5%, 500 mA maximum, Supplied through USB-C port	
Dimensions (L x W x H)	18.1cm x 6.9cm x 5.0cm / Polycarbonate	
Weight	230g, including protective end caps	



5000 Flowmeter

Model	Basic	Advanced	Humidity	High Accuracy	Wide Accuracy
±30 L/min	5200	5210	5220	5230	5203
±300 L/min	5300	5310		5330	5303
Flow Accuracy	2% reading or 0.005L(0.05L)/min			1.5% reading or 0.005L(0.05L)/min	3% reading or 0.01L(0.1L)/min
Response	4ms	1ms			4ms
Temperature, Absolute Pressure Measurements	O	O	O	O	O
Data Logging	X	O	O	O	X
Volume Measurement (Displayed on screen)	X	O	O	O	X
Relative Humidity	X	X	10–90% RH, ±3%		X
Differential Pressure Measurement	X	O	O	O	X