

Soap Film Flow Meter

Model		SF-1U/2U			
Volumetric tubing model		VP-1U	VP-2U	VP-3U	VP-4U
Flow rate measurement range		0.2 to 10 mL/min	2 to 100 mL/min	20 to 1000 mL/min	0.2 to 10 L/min
Flow rate measurement time		120 to 2.4 seconds	60 to 1.2 seconds	60 to 1.2 seconds	60 to 1.2 seconds
Precision	±0.5%	0.2 to 2 mL/min	2 to 20 mL/min	20 to 200 mL/min	0.2 to 1 L/min
	±1.0%	2 to 10 mL/min	20 to 100 mL/min	200 to 1000 mL/min	1 to 10 L/min
Compatible gases		N ₂ , air, O ₂ , H ₂ , Ar, CH ₄ , C ₃ H ₈ , etc. (note: Water soluble gases cannot be measured.)			
Display		LCD six-digit digital display (switches between measured flow rate, measured time, temperature, and atmospheric pressure setting)			
Operating temperature*1		930 to 1040 hPa; Measurement precision ±2.7 hPa (measured data can be used for corrections; if used for corrections, the total precision becomes 0.7 to 1.2%)			
Automatic measurement functions		Average value calculated after between two and five automatic measurements, in auto-mode (previously recorded data can be recalled; recorded data is deleted when unit power is turned off).			
Power source		AC adapter (DC 6V); Drive (AC adapter sold separately; select Japanese or overseas specifications.)			
Speed range		5 to 40°C (accuracy guaranteed between 15 and 35°C)			
External input/output		Conforms to RS-232C			
Weight		Main unit, as a set: 2.0 kg			3.1 kg

*1 Compatible with the SF-2U.