



The CFM/CMM Thermo Anemometer instrument measures Air Velocity, Air Flow (volume) and Temperature. The large, easy-to-read backlit LCD includes primary and secondary displays plus numerous status indicators. The meter is shipped fully tested and calibrated and with proper use will provide years of reliable service.



DT-3893

CFM/CMM THERMO ANEMOMETER

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Technical Specifications

Air Velocity	Range	Resolution	Accuracy
m/s (meters per sec)	0.40 - 30.00 m/s	0.01 m/s	± (3% + 0.20 m/s)
km/h (kilometers/hour)	1.4 - 108.0 km/h	0.1 km/h	± (3% + 0.8 km/hr)
ft/min (feet per minute)	80 - 5900 ft/min	1ft/min	± (3% + 40 ft/m)
mph (miles per hour)	0.9 - 67.0 mph	0.1 mph	± (3% + 0.4 MPH)
knots (nautical MPH)	0.8 to 58.0 knots	0.1 knots	± (3% + 0.4 knots)
Air Flow	Range	Resolution	Area
CMM (cubic meters/min)	0-999900 m ³ /min	0.001 to 100	0 .000 to 999.9m ²
CFM (cubic ft/min)	0-999900 ft ³ /min	0.001 to 100	0.000 to 999.9ft ²
Air Temperature	Range	Resolution	Accuracy
	0°C-50°C (32°F-122°F)	0.1°C/°F	4.0°C (2.0°F)

Circuit	Custom LSI microprocessor circuit
Display	Dual function 4-digit LCD
Sampling rate	1 reading per second approx.
Sensors	Air velocity/flow sensor: Conventional angled vane arms with low-friction ball bearing Temperature sensor: NTC-type precision thermistor
Automatic Power off	Auto shut off after 20 minutes to preserve battery life
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-10°C to 60°C (14°F to 140°F)
Operating Humidity	<80% RH
Storage Humidity	<80% RH
Operating Altitude	2000 meters (7000ft) maximum
Battery	One 3*1.5volt AA battery
Battery life	40 hours approx. (if the Backlight is used continuously, battery life will be reduced significantly)
Battery Current	8.3 mA DC approx

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