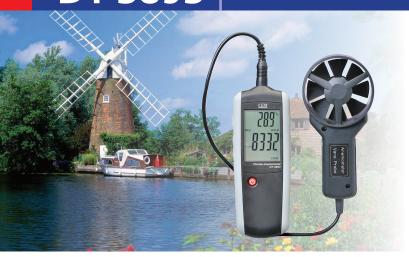




The CFM/CMM Thermo
Anemometer instrument measures
Air Velocity, Air Flow (volume) and
Temperature. The large, easy-to-read
backlit LCD includes primary and
secondary displays plus numerous
status indicators. The meter is
shipped fully tested and calibrated
and with proper use will provide
years of reliable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

DT-3893

CFM/CMM THERMO ANEMOMETER



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 ftlmin	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 m³/min	0.001 to 100	0 .000 to 999.9m ²
CFM (cubic ft/min)	0-999900 ft³/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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