



**Product Datasheet**  
**Stock No:193-8696**  
**Thermo-Anemometer**

English

EN



## Introduction

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.

## Specifications

<b>Air Velocity</b>	<b>Range</b>	<b>Resolution</b>	<b>Accuracy</b>
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	1 ft/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)
<b>Air Flow</b>	<b>Range</b>	<b>Resolution</b>	<b>Area</b>
CMM (cubic meters/min)	0-999900 m <sup>3</sup> /min	0.001 to 100	0.000 to 999.9m <sup>2</sup>
CFM (cubic ft/min)	0-999900 ft <sup>3</sup> /min	0.001 to 100	0.000 to 999.9ft <sup>2</sup>
<b>Air Temperature</b>	<b>RangeZ</b>	<b>Resolution</b>	<b>Accuracy</b>
	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 AAA 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

**Accessories:**

9V battery and Anemo probe, Gift box with carrying case.