



# DAVM+

## Digital Air Flow/Volume Meter

Measure Air Flow (FPM) and Volume (CFM) in the palm of your hand. Compact and easy to use, the DAVM+ also measures Temperature, Humidity and Light. Ideal for air balancing and other indoor air quality applications.

### FEATURES/BENEFITS

- Measures Feet per Minute (FPM) and Cubic Feet per Minute (CFM)
- Measures Temperature and Humidity
- °F/°C Selectable
- Standard K-Type Thermocouple Connector
- Measures Light Levels (LUX)
- Multi-Channel Display
- Data Hold
- One-Hand Operation
- Carrying Case (SCASE) Included

### APPLICATIONS

- Identify Air Flow Problems
- Air Balancing
- Air Quality
- Measure Light Levels



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### Measurement Specifications

Measurement		Range	Resolution
Air Velocity	ft/min	80 to 5,910 ft/min	1 ft/min
	m/s	0.4 to 30.0 m/s	0.1 m/s
	km/h	1.4 to 108.0 km/h	0.1 km/h
	MPH	0.9 to 67.0 mile/h	0.1 MPH
	knots	0.8 to 58.3 knots	0.1 knots
Temperature (thermister)	° F	32° to 122 °F	0.1 °F
	° C	0° to 50 °C	0.1 °C
Air Flow	CFM	1,908,400 CFM	0.001 to 100 CFM
	(cube feet/min)		
	CMM	54,000 CMM	0.001 to 1 CMM
	(cube meter/min)		
Humidity	% RH	10 to 95 % RH	0.1 % RH
Temperature (thermister)	° F	32° to 122 °F	0.1 °F
	° C	0° to 50°C	0.1 °C
Light	Lux	0 to 2,200 Lux	1 Lux
		1,800 to 20,000 Lux	10 Lux
* auto range	Ft-cd	0 to 204.0 Fc	1 Ft-cd
		170 to 2,000 Fc	1 Ft-cd

### General Specifications

Display	LCD
Measurement	Anemometer, Humidity, Temperature, Light, Air flow (CFM/CMM).
Operating Max. Humidity	80% RH
Operating Temperature	32° to 122°F (0 to 50°C)
Over Input Display	Indication of "----"
Power Supply	9V battery (not included)
Power Consumption	Approx. 6.2 mA DC
Weight	5.6 oz (160g)
Dimension	6.14 x 2.36 x 1.29 inches
	156 x 60 x 33 mm

### Accessories

Standard	
SCASE	Soft Carrying Case

Optional	
TPFG	Thermocouple Probe
TPFDA	FDA Approved Thermocouple Probe
TPP	Thermocouple Piercing Probe
TPS	Thermocouple Surface Probe

Measurement	Range	Accuracy
Air Velocity	80 to 5,910 ft/min	
	0.4 to 30.0 m/s	≤ 20 m/s : ± 3% F.S.
	1.4 to 108.0 km/h	> 20 m/s : ± 4% F.S.
	0.9 to 67.0 mile/h	
	0.8 to 58.3 knots	
Temperature (thermister)	32° to 122 °F	± 2.5 °F
	0° to 50 °C	± 1.2 °C
Humidity	10 to 95% RH	< 70% RH : ± 4% RH ≥ 70% RH : ± (4%rdg + 1.2%RH)
Temperature	32° to 122° F	+ 2.5 °F
	0° to 50 °C	± 1.2 °C
Light	0 to 20,000 Lux	± 5% rdg ± 8 dgt
	0 to 2,000 Fc	
Temperature (Type K)	-148 to 2,372 °F	±(1% rdg + 2°F)
	-100 to 1,300 °C	±(1% rdg + 1°C)

Measurement	Area Setting
CFM	0.01 to 322.92 feet square
CMM	0.001 to 30.000 meter square

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