

PROVA®
INSTRUMENTS INC.

AVM-05/AVM07 FLOW ANEMOMETER

- Flow (CFM, CMM)
- Instant/Ave/ $\frac{2}{3}$ Vmax Flow Measurement
- Velocity m/s, ft/min, knots, km/hr, mph
- LCD Dual Display
- °C/°F



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FEATURES :

- Flow (CFM,CMM)
- Instant/Ave/ $\frac{2}{3}$ Vmax Flow Measurement
- Velocity m/s, ft/min, knots, km/hr, mph
- LCD Dual Display
- °C/°F
- RS-232 (AVM-07)
- Max/Min/Hold
- Auto Power Off
- Easy to use
- Memory Of 2000 Records (AVM-07)

ELECTRICAL SPECIFICATION (23°C±5°C)

Range of Wind Velocity : Auto Range

Units	Range	Resolution	Threshold	Accuracy
m/s	0.0~45.0	0.1	0.3	±3%±0.1
ft/min	0.0~8800	0.1/1	60	±3%±10
knots	0.0~88.0	0.1	0.6	±3%±0.1
Km/hr	0.0~140.0	0.1	1.0	±3%±0.1
mph	0.0~100.0	0.1	0.7	±3%±0.1

m/s : meter per second

ft/min : feet per minute

knots : nautical miles per hour

Km/hr : kilometers per hour

mph : miles per hour

Range of Area (CMM) : 0.01~9999 m²

(CFM) : 0.01~9999 ft²

Range of Wind Flow (CMM) 0.01~9999 x 100

(CFM) 0.01~9999 x 100

Unit Conversion table :

	m/s	ft/min	knots	km/hr	mph
1 m/s	1	196.87	1.944	3.60	2.24
1 ft/min	0.00508	1	0.00987	0.01829	0.01138
1 knot	0.5144	101.27	1	1.8519	1.1523
1 km/hr	0.2778	54.69	0.54	1	0.6222
1 mph	0.4464	87.89	0.8679	1.6071	1

Range of Wind Temperature :

Units	Range	Resolution	Accuracy
°C	0.0~45.0	0.2	±1.0°C
°F	32.0~113.0	0.36	±1.8°F

General Specification :

Battery Type : 9V

Display : 2 x 4 Digits Dual Display LCD

Bearing : Sapphire jewel bearing

Temperature : K-type thermocouple

Operating Temperature : Meter : 0°C~50°C (32°F~122°F)

Vane : 0°C~60°C (32°F~140°F)

Operating Humidity : Less than 80% RH

Storage Temperature : -40°C~60°C (-40°F~140°F)

Power Consumption : Approx. 3 mA

Dimension : Meter : 3.46"x6.61"x1.03" (88x168x26.2 mm)

Vane : 2.60"x5.22"x1.15" (66x132x29.2 mm)

Weight : 350 g / 12.34 oz. (Battery included)

Accessories : Carrying case x1; User manual x1

9V Battery x1