

Prova Thermo Anemometer

MODEL: AVM-05, AVM-07

Features

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



#135-AVM-05

#135-AVM-07

General Specifications:

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. 3mA

Dimensions:

Meter: 3.46" x 6.61" x 1.03"

(88 x 168 x 26.2mm)

Vane: 2.60" x 5.22" x 1.15"

(66 x 132 x 29.2mm)

Weight: 350g/12.34oz.

(Battery included)

Kit Includes: Carrying case;

User manual; 9V Battery, Software & RS 232 cable (AVM-07 only)

Electrical Specifications: (23 ± 5°C)

Range of Wind Velocity: Autorange

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: meters per second

knots: nautical miles per hour

mph: miles per hour

ft/min: feet per minute

Km/hr: kilometers per hour

Range of Area

(CMM): 0.01~9999m²

(CFM): 001~9999ft²

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