

AV30 Air Velocity and Volume Flow Meter

The AV30 Anemometer is an outstanding innovation in vane anemometer technology, providing both air velocity and volume flow reading from a single instrument. AV30 flexibility offers the choice of instant or averaged readings in metric or imperial display. This compact, hand held instrument together with its aerodynamic 100mm diameter (or optional 35mm) vane sensor and swivelling, telescopic extension handle, provides an unbeatable solution for fast, accurate airflow measurement. AV30 is purpose designed for use at supply and extract grilles in the Heating, Ventilating, Air Conditioning and Process Industries and is particularly suited for laboratory safety monitoring, maintenance and commissioning requirements with COSHH and local exhaust ventilation assessments in mind.

- Velocity and volume flow readings with instant or average reading modes
- Telescopic extension handle with swivel joint for high level measurements
- Four Line Display
- Optional 35mm vane sensor
- Lightweight and hand held with safety strap
- Hold reading facility
- Increased battery life
- Backlight display
- Imperial or metric display



AV30

AV30 MEASURES

m/sec • ft/min • mph • knots • km/h • cfm • m³/sec

SPECIFICATION

AV30	METRIC MODE	IMPERIAL MODE
Velocity Range	0.25 - 30m/sec	50-6000 ft/min
Volume Range	0.002-3000 m ³ /sec	3.6 - 999999 ft ³ /min
Accuracy @ 20°C and 1013mb	±1% of reading ±1 digit, Plus below 1m/sec ±0.02m/sec, below 200ft/min ±3ft/min, ±11%, ±1 digit	
Analogue Output	0 -1 volt (0-0.5v and 0-2v also available)	
Power Supply	1 type 9v cell type PP3 or equivalent (IEC Ref 6F22 rechargeable, zinc carbon or alkaline)	
Battery Life	30 hrs using alkaline	
Overall Dimensions	92 x 32 x 186mm	3.6 x 1.2 x 7.4in
Operating Environment Instrument	Barometric pressure 500mb to 2bar Temp -10°C to 60°C	Barometric pressure 15in Hg to 60in Hg Temp 14°F to 122°F
Weight (less batteries)	310g	0.68lb
Standard Kit	100mm dia rotating vane sensor, Telescopic extension rod, Executive carry case, Calibration Certificate	
Optional Accessories	Aircone Flow hoods Kits 35mm sensor 'Hands Free' neck strap and cradle	