

TA35 Thermal Anemometer

Quality and value are the watch words for the TA35 anemometer. This highly specified thermal meter measures both air velocity and air stream temperature quickly and simultaneously, without compromising accuracy and precision. The slim, telescopic probe, with excellent yaw and pitch characteristics, is perfect for use at grilles and diffusers or entry through access points in HVAC ducts or laboratory flow cabinets. Supplied with a certificate of calibration traceable to National Standards, the TA35 meter provides accurate, consistent air measurement at a price that is hard to beat.

FEATURES

- Simultaneously temperature and velocity display
- Automatic temperature compensation
- Telescopic probe with 1m lead
- Simple button control
- Large clear LCD with fast response

BENEFITS

- Excellent accuracy and resolution
- Saves you time and money
- Proven technology
- Easy to handle and simple to use
- Free calibration certificate
- Produced by the world's leader portable anemometers.

APPLICATIONS

- HVAC Commissioning
- Safety cabinet checks
- Indoor air quality
- COSHH compliance
- Environmental monitoring

Simple to use, the well proven technology presents clear, precise readings on a high clarity, anti-reflection digital display. The lightweight hand held meter is ergonomically designed to fit the palm of your hand and with just three tactile switches for on/off control, your choice of imperial or metric units and automatic electronic zeroing are easily selected. Indeed, the inbuilt automatic thermal compensation works constantly to ensure that air velocity readings are maintained stable and accurate, whatever the air stream temperature between 0° and 80°C.

The superb yaw and pitch characteristics of the Airflow™ thermistor bead probe design also allow accurate, repeatable readings to be maintained, even up to 15° from the airstream centreline.

A free certificate of calibration traceable to international standards is supplied and operating instructions are printed on the reverse of the meter for quick user reference.



SPECIFICATION

TA35	METRIC MODE	IMPERIAL MODE
Velocity range	0.25 – 20 m/sec	50-4000 ft/min
Temperature range	0 – 80°C	32 – 176°F
Accuracy at 20°C and 1013mb (of reading)	±3% ± 1 Digit	±3% ± 1 Digit
Resolution	0.01 m/sec	1 ft/min above 30ft/min 2 ft/min below 30ft/min
Temperature Accuracy	±1°C ± 1 Digit	±2°F ± 1 Digit
Probe Dimensions		
Compressed	194mm	7.6ins
Extended	930 mm	36.6 ins
Diameter (TIP)	8mm	5/16 ins
Cable Length	1 m	39.5 ins
Weight (Less Battery)	400 gms	14 oz
Power Supply	4 type AA 1.5v cells, (rechargeable alkaline or zinc carbon)	
Battery Life	Approximately 15 hours using alkaline cells	
Standard Kit	Meter with telescopic probe, Battery, Calibration certificate	
Optional	'Hands free' neck strap and harness. Meter with articulating telescopic probe. Carry case.	

AIRFLOW™

SPECIALISTS IN AIR MOVEMENT TECHNOLOGY

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CERTIFICATE 152
BS5750 ISO9001 EN29001