

# ET-961

## Hot Wire Thermo-Anemometer



### PRODUCT DESCRIPTION

This hot wire thermo-anemometer is ideal for low air velocity and volume measurement. The slim plug in telescopic hot wire probe extends from 0.26 to 1.2m (inc handle) has a probe sensor head 8.5mmØ and is ideal for grille hoods and diffusers. It is excellent for ventilation surveys, air conditioning, clean rooms, flow hoods, air balancing and environmental monitoring.

- 0.1 to 35m/sec x 0.01
- Measures air velocity in m/sec, ft/min, km/hr, knots or mph
- Measures air volume in m<sup>3</sup>/min or ft<sup>3</sup>/min
- Measures temperature °C or °F
- 55mm LCD display with backlight and function indicators
- Data hold and min/max hold for airflow and temperature
- Low battery indicator
- Auto power off after approx. 20 minutes of inactivity – can be user disabled
- Average calculated from the last 10 airflow readings
- Standard ¼" camera bush for tripod mounting
- Supplied with hard carry case, telescopic probe and battery
- **Note: This instrument operates on the basis of maintaining the sensor element at a constant 80°C. Therefore, the battery life is limited to approx. 4 hours operation.**

### TECHNICAL SPECIFICATION

	m/sec	ft/min	mph	km/hr	knots	m <sup>3</sup> /min ft <sup>3</sup> /min
<b>Minimum</b>	0.1	20	0.2	0.3	0.2	0
<b>Maximum</b>	35	6889	78.2	122.5	68	99999
<b>Resolution</b>	0.01	1	0.1	0.1	0.1	0.001 to 100
<b>Accuracy</b>	±5% of reading ±1digit					
<b>Temp Range</b>	0° to 50°C, 32° to 122°F					
<b>Accuracy</b>	±1°C/1.8°F					
<b>Power</b>	1 x 9V PP3 alkaline battery ( <b>LR-61</b> ) or AC/DC mains power adaptor (supplied)					
<b>Dimensions</b>	185 x 66 x 33mm (unit) 0.26 x 1.2m (probe)					
<b>Weight</b>	310g					

## CALIBRATION OPTIONS

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**Traceable Calibration (Airflow)** +£70.00 (issued at 3 points) 6, 12 & 18m/sec

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Additional Points +£15.00 from 1 to 30m/sec

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**Traceable Calibration (Temperature)** +£25.00 (issued at 2 points) 25°C to 30°C

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Additional Points +£5.00 from 0°C to 50°C

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