



TES-1343

Anemometer | Vane-Type Air Velocity Meter

Professional measurement of air velocity, wind pressure and wind temperature with a portable vane probe, triple-display LCD and statistical measurement functions.

Key Features

- Air velocity measurement with selectable units: **m/s, ft/min, knots, km/hr and Bft.**
- Wind pressure measurement for HVAC and air-conditioning system inspection.
- Wind temperature measurement with a wide temperature range.
- Data Hold plus **Maximum / Minimum / Average** functions.
- Manual data memory: **99 sets**, with data recall function.
- LCD backlight with **3-minute** illumination time.
- Selectable **Auto Power Off** function for battery saving.



TEMPERATURE



WIND SPEED



AIR PRESSURE



Technical Specifications

Parameter	Specification
Display	Triple display, 4-digit LCD reading
Air Velocity Range	0.8 to 30 m/s (user manual)
Air Velocity Resolution	0.01 m/s
Air Velocity Accuracy	±2% rdg ±0.3 m/s
Wind Pressure Range	0 to 800 Pa
Wind Pressure Resolution	0.1 Pa
Wind Pressure Accuracy	±2 Pa at 25°C; ±4 Pa (-20°C to 85°C)
Wind Temperature Range	-40 to 85°C (-40 to 185°F)
Wind Temperature Resolution	0.1°C / 0.1°F
Wind Temperature Accuracy	±1°C at 25°C; ±1.8°F at 77°F
Atmospheric Pressure Range	300 to 1200 hPa
Atmospheric Pressure Resolution	0.1 hPa (300.0–999.9 hPa); 1 hPa (1000–1200 hPa)
Atmospheric Pressure Accuracy	±2 hPa at 25°C; ±4 hPa (-20°C to 85°C)
Warm-up Time	< 1 minute
Response Time	Velocity: < 2 s; Temperature: < 10 s (63%, 15°C to 45°C)

TES-1343 — Additional Specifications & Functions

Measurement & Data Functions

Function	Specification
Data Hold	Available
Maximum / Minimum / Average	Available
Manual Data Memory	99 sets
Data Recall	Available
LCD Backlight	3-minute illumination time
Auto Power Off	Available
Velocity Units	m/s, ft/min, knots, km/hr, Bft
Operating Conditions	0°C to 50°C (32°F to 122°F), ≤80% RH
Power Source	6 × 1.5 V AA batteries
Battery Life	Approx. 25 hours
Dimensions	150(L) × 72(W) × 35(H) mm
Weight	Approx. 340 g
Standard Accessories	Instruction manual, batteries, carrying case

Typical Applications

- HVAC and air-conditioning system inspection
- Checking air velocity and wind pressure in ventilation systems
- Airflow assessment around ducts, outlets and indoor air-conditioning systems
- General field measurement of air movement and wind-related parameters

TES Electrical Electronic Corp. | TES-1343 Anemometer