

TES

Reliable in Quality

TES-3145/3145U Vane Anemometer

- Air flow volume
- Instant/Avg/ $\frac{2}{3}$ V max flow measurement
- Velocity m/s, ft/min
- Temperature, Humidity & Atmospheric measurement
- Calculate Dew point temperature, Wet bulb temperature, Wind chill temperature, Humidex temperature and Heat index temperature.
- Data hold & Maximum/Minimum/Average function
- Manual data memory and read function: 99 sets
- Auto data memory: 4GB microSD card (3145U)
- USB interface (3145U)

°C, °F
% RH
m/s, ft/min
m³/min, ft³/min



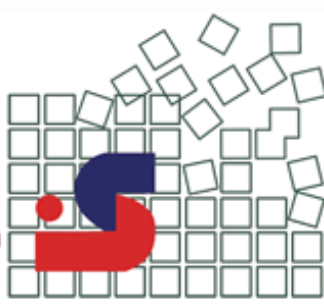


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FEATURES

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SPECIFICATIONS

Display	Triple display, 4 digit LCD reading
Velocity from Pitot Tube	Range: 0.4 to 30 m/s Resolution: 0.01 m/s Accuracy: $\pm(1\%rdg\pm 1\text{digits})$
Volumetric Flow Rate	Range: Actual range is a function of actual velocity, pressure, duct size
Temperature	Range: -35 to 80°C Resolution: 0.1°C (0.1°F) Accuracy: $\pm 0.25^\circ\text{C}$ (at 5 to 65°C) $\pm 0.4^\circ\text{C}$ (at -35 to 5°C and 65 to 80°C) $\pm 0.8^\circ\text{F}$ (at +41°F to 149°F) $\pm 1.6^\circ\text{F}$ (at -31°F to 41°F and +149°F to +176°F)
Relative Humidity	Range: 0 to 100%RH Resolution: 0.1%RH Accuracy: $\pm 2\%RH$ (at 10 to 80%RH) $\pm 3\%RH$ (at 0 to 10%RH and 80 to 100%RH)
Warm up Time	< 1 minute
Response Time	Velocity: < 2 seconds Humidity: $\tau_{63\%} < 10\text{s}$ (from 33 to 75%RH) Temperature: $\tau_{63\%} < 10\text{s}$ (from 15°C to 45°C)
Operating Conditions	0°C ~ 50°C (32°F ~ 122°F), $\leq 80\%RH$
Power Source	4 pcs 1.5V size AA Battery
Battery Life	Approx. 10 hours
Size & Weight	169(L)×78(W)×40 (H)mm / Approx. 460g
Accessories	Instruction manual, Battery, Carrying case, CD Software (3145U), USB Cable (3145U)



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