

Thermo-Anemometer - TA6001 with Temperature - TA6002

FEATURES:

- Display switchable in m/s or ft/min (FPM) for air velocity and °F or °C for temperature
- Simple to operate
- Easy replacement of probe without recalibration
- Average measurements over 1 or 5 seconds for air velocity
- Display pause for easy reading of measurements
- Small and lightweight



GENERAL SPECIFICATIONS

Ranges:

Air Velocity: 20 to 3940 FPM (0.10 to 20.0 m/s)
Temperature *: 32.0° to 122.0°F (0.0° to 50.0°C)

Accuracy:

Air Velocity: ±5.0% of Reading +20 FPM
(±5.0% of Reading +0.1 m/s)

The velocity readings are temperature compensated over the range from 50° to 104°F (10° to 40°C)

Temperature *: ±1.8°F or ±1°C

Resolution:

Air Velocity: 2 FPM (20 to 1958 FPM)
20 FPM (1960 to 3940 FPM)
0.01 MPS (0.10 to 9.99 m/s)
0.1 MPS (10.0 to 20.0 m/s)
Temperature *: 0.1°F or °C

Response time:

Air Velocity: < 1 second
Temperature *: < 30 seconds

Display: 0.5" LCD, 4 digits

Operating Temp: 32° to 125°F

Power Supply: 4 AA alkaline batteries (Eveready E91)

Battery Life: Approximately 8 hours

Battery Check: Automatic low battery display with battery condition (4 steps)

Dimensions:

Instrument: 4.75" X 2.36" X 1.2"
Probe : 0.24" diameter X 7.9" long

Weight: 7 Ounces with batteries

*Please Note:

Model TA6001 measures Air Velocity

Model TA6002 measures Air Velocity and Temperature

Optional:

- Additional air velocity probe for Model TA6001 PN5161
- Additional air velocity/ temperature probe for Model TA6002 PN5162

Unit comes complete with:

- 1 pc. probe complete with 5' connecting cable
- 4 pcs. AA 1.5 V alkaline batteries PN 3309
- 1 pc. carrying case PN3870

Pacer's Model TA6002 (Thermoanemometer) is a versatile instrument for measuring air velocity and temperature. Special features include the ability to switch between Feet Per Minute (FPM) and Meters Per Second (MPS) or between °F and °C. This includes a pause feature so the display can be frozen when recording readings. Also the unit can indicate the average air velocity reading over 1 second (fast) or 5 seconds (slow). This instrument is useful for anyone needing to measure air velocity with a small diameter probe. Specific applications include in duct readings, air balancing and many others where air velocity and temperature measurements are essential.