

THERMO-ANEMOMETER/ DATA LOGGER

TECHNICAL DATA

FEATURES

- Measures air velocity as well as temperature with a type J/type K thermocouple thermometer
- Low friction ball-bearing, rotating vane probe ensures high accuracy readings
- Thermistor temperature sensor for a fast response time
- Air velocity is measured in m/s, fpm, km/h, mph or knots
- Temperature is measured in °C or °F
- Automatic temperature compensation
- Easy to read LCD with backlight
- Data hold and Max/Min record
- Real time data logger with integral SD memory card (OPTIONAL)
- Just plug the SD card into the computer and it downloads directly to EXCEL
- RS-232 and USB computer interface
- Auto or manual power off

SPECIFICATIONS

Air Velocity Range: 0.4 to 30.0 m/s; 1.4 to 126.0 km/h; 0.9 to 78.3 mph; 79 to 6890 fpm; 0.8 to 68.0 knots

Resolution: 0.1 m/s; 0.1 km/h; 0.1 mph; 1 fpm; 0.1 knot

Accuracy: $\pm(2\% \text{ rdg} + 0.2 \text{ m/s}; 0.8 \text{ km/h}; 0.4 \text{ mph}, 40 \text{ fpm}; 0.4 \text{ knot})$

Type K Temp. Range: -100.0 to 1300.0°C (-148.0 to 2372°F)

Resolution: 0.1°C/°F

Accuracy: $\pm(0.4\% + 0.5^\circ\text{C}/+1^\circ\text{F})$

Type J Temp. Range: -100.0 to 1200.0°C (-148.0 to 2192°F)

Resolution: 0.1°C/°F

Accuracy: $\pm(0.4\% + 0.5^\circ\text{C}/+1^\circ\text{F})$

Auto Sampling Time: 1, 2, 5, 10, 30, 60, 120, 300, 600, 1800, 3600 seconds

Power Supply: 6 x 1.5V UM3/AA batteries

Dimensions: 203 x 76 x 38mm; Probe: \varnothing 72mm dia.

Weight: 515g



ORDERING INFORMATION

SD-4207 Thermo-Anemometer/Data Logger

TP-01 Type K Thermocouple Wire Probe

USB-01 USB Cable

SW-U801-WIN Data Acquisition Software

BS-6 Tripod

AP-9VA-110V AC Adapter

CERTIAN2 NIST Calibration Certificate

SD-4207-NIST Thermo-Anemometer & NIST