

THERMO-ANEMOMETER/ DATA LOGGER

TECHNICAL DATA

FEATURES

- Measures air velocity as well as temperature with a type J/type K thermocouple thermometer
- Hot wire probe for precise low air velocity measurements
- 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 (0 to 50°C/32 to 122°F)
- 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: 0.2 to 25.0 m/s; 0.7 to 72.0 km/h; 0.5 to 44.7 mph; 40 to 3940 fpm; 0.4 to 38.8 knots

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

Accuracy: ±(2% rdg + 0.2 m/s; 0.8 km/h; 0.4 mph, 20 fpm; 0.4 knot)

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

Resolution: 0.1°C/°F

Accuracy: ±(0.4% +0.5°C/+1°F)

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

Resolution: 0.1°C/°F

Accuracy: ±(0.4% +0.5°C/+1°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; Telescopic Probe: ø 12mm dia., 280mm to 940mm long

Weight: 515g



ORDERING INFORMATION

SD-4214 Thermo-Anemometer/Data Logger
TP-01 Type K Thermocouple Wire Probe

USB-01 USB Cable
BS-6 Tripod
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
CERTIAN2 NIST Calibration Certificate
SD-4212-NIST Thermo-Anemometer & NIST