EXTECH INSTRUMENTS

Experience the Extech Advantage

PRODUCT DATASHEET

Metal Vane Thermo-Anemometer/Datalogger

Records data on an SD card in Excel® format

For easy transfer to a PC for analysis

Features:

- Metal Vane withstands temperatures to 158°F (70°C) and air velocity to 6900ft/min
- Datalogger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- Adjustable data sampling rate: 1 to 3600 seconds
- Stores 99 readings manually and 20M readings via 2G SD card
- Type K/J Thermocouple input for high temperature measurements
- Large (9999 count) LCD displays Air Velocity and Temperature simultaneously
- 2% velocity accuracy via low friction ball bearing vane wheel on 39" (1m) cable
- Record/Recall MIN, MAX readings
- Data Hold plus Auto power off with disable function
- Built-in PC interface
- Complete with 6 x AA batteries, SD card, metal vane sensor with 3.9ft (120cm) cable, and hard carrying case

Typical application of measuring air velocity and temperature in HVAC

Specifications	Range	Resolution	Basic Accuracy
Air Velocity			
m/s	0.4 to 35m/s	0.1m/s	±2%rdg
ft/min	60 to 6900ft/min	1ft/min	±2%rdg
MPH	0.7 to 78.2MPH	0.1MPH	±2%rdg
knots	0.6 to 68knots	0.1knots	±2%rdg
km/h	1.0 to 126.0km/h	0.1km/h	±2%rdg
Temperature	32 to 158°F (0 to 70°C)	0.1°	±1.5°F/0.8°C (<60°C)
Type K Temperature	-148 to 2372°F (-100 to 1300°C)	0.1°	±(0.4% + 1.8°F/1°C)
Type J Temperature	-148 to 2192°F (-100 to 1200°C)	0.1°	±(0.4% + 1.8°F/1°C)
Memory	20M data records using 2G SD card		
Dimensions	7.2 x 2.9 x 1.9" (182 x 73 x 47.5mm)		
Weight	17.2oz (487g)		

Ordering Information:

SDL300.....Metal Vane Anemometer/Datalogger
SDL300-NIST.....SDL300 w/Certificate of Calibration Traceable to NIST standards

872502.....Type J Bead Wire Probe (-328 to 392°F/-200 to 200°C)
TP870.....Type K Bead Wire Probe (-40 to 482°F/-40 to 250°C)
TP200.....Type K Clamp Probe (-4 to 200°F/-20 to 93°F)
TP400.....Type K Clamp Probe (-4 to 450°F/-20 to 232°C)
153117.....117V AC Adaptor \
UA100-240.....100-240V AC Adaptor with 4 plugs (US, EU, UK, AU)

CE 3 YEARS WARRANTY