EXTECH INSTRUMENTS
A FLIR COMPANY

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PRODUCT DATASHEET

Hot Wire CFM Thermo-Anemometer/Datalogger

Records data on an SD card in Excel® format

For easy transfer to a PC for analysis

Features:

- Air Velocity/Air Flow meter with telescoping probe designed to fit into HVAC ducts and other small openings
- Datalogger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- Probe extends up to 7.05ft (215cm) maximum length with cable
- 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 or Air Flow and Temperature simultaneously
- 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, 3.1ft (95cm) fully extended telescoping probe with 3.9ft (120cm) cable, and hard carrying case

Specifications	Range	Resolution	Basic Accuracy
Air Velocity			
m/s	0.2 to 25m/s	0.01m/s	±5%rdg
ft/min	40 to 3940ft/min	1ft/min	±5%rdg
MPH	0.5 to 45MPH	0.01MPH	±5%rdg
knots	1 to 31knots	0.01knots	±5%rdg
km/h	0.7 to 72km/h	0.01km/h	±5%rdg
CFM (feet³/min)	0 to 1,907,000 CFM	0.001 to 100 CFM	
CMM (meter³/min)	0 to 54,000 CMM	0.001 to 1 CMM	
Temperature	32 to 122°F (0 to 50°C)	0.1°	±1.5°F (±0.8°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	20 Million data records using 2G SD card		
Dimensions	7.2 x 2.9 x 1.9" (182 x 73 x 47.5mm)		
Weight	23.1oz (655g)		

Ordering Information:

SDL350 .....Hot Wire CFM Thermo-Anemometer
SDL350-NIST .....SDL350 with Certificate Traceable to NIST

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)

Distributed by:
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sales@testersandtools.com
Tel: 602-795-4033, Fax: 602-795-4624

CE 3 YEARS WARRANTY

Specifications subject to change without notice.
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