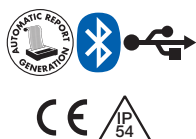


# ENVIRONMENTAL TESTERS

## THERMO-ANEMOMETER DATA LOGGER

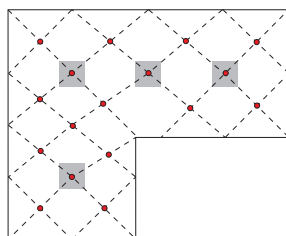
### MODEL 1227

Easily measure and record wind speed, air flow, and temperature



## FEATURES

- Measures temperature and air measurements
- Dual line display
- User selectable wind speed or air flow measurement
- User selectable measurement units m/s, fpm, km/h, mph or m<sup>3</sup>/s, m<sup>3</sup>/h, R/s, cfm
- Map mode profiles the illuminance map of the area or room by storing multiple measurements
- Removable anemometer with expandable cord up to 48"
- Min, Max and Average measurements stored
- Hold function freezes the display
- Spot or continuous recording up to 1 million measurements stored in 8MB flash memory
- Blue luminescent backlit display
- USB and Bluetooth communication
- Magnetic mount
- Battery or USB powered
- DataView<sup>®</sup> graphing and analysis software included



Measure and record multiple measurements to create a map of air flow of the room or area of interest

## SPECIFICATIONS

MODELS	1227	
	Air Speed	Air Flow
Measurement Range	0.52m/s to 27.0m/s (98.0 to 5,315fpm)	0.00 to 2,999m <sup>3</sup> /h
Accuracy	±3% of R ±0.1m/s	8% of R
Resolution	0.01m/s from 0.5 to 98.0m/s .1fpm from 49.0 to 99.9fpm 0.1m/s from 3.0 to 27.0m/s 1fpm from 100 to 5,315fpm	0.01m <sup>3</sup> /h from 0.00 to 2.99m <sup>3</sup> /h 0.1 m <sup>3</sup> /h from 3.0 to 99.9m <sup>3</sup> /h 1m <sup>3</sup> /h from 100 to 2.99m <sup>3</sup> /h
Recording	Manual start/stop on the product Short press for MEM: spot recording/long press for REC at the defined default rate Programed recording: start date, recording interval, and end date defined using DataView® software	
TEMPERATURE		
Sensor	CTN	
Accuracy	32° to 122°F: ±1.4°F -4° to 32°F: ±2.3°F	0° to 50°C: ±0.8°C -20° to 0°C: ±1.6°C
Resolution	0.1°F	0.1°C
GENERAL		
Other Functions	MIN-AVG-MAX-HOLD	
Sampling Rate	Programmable from 1s, 2s, 5s, 10s, 20s, 30s, 2min, 5min, 10min, 15min, 30min, and 1hr	
MAP mode	The MAP mode can be used to map the air speeds on the surface of a room. In this case the measurements are saved in the same file	
Memory	1,000,000 measurements on each channel (4MB). Recorded data is stored in non-volatile memory and will be retained even if battery is low or removed.	
Communication	USB 2.0 and Bluetooth 4.0 BLE range 1m typical	
Power Source	3x1.5V AA (LR6) alkaline batteries or USB port (micro-USB adaptor offered as an accessory)	
Battery Life	200 hrs., / 8 days when recording with 15 minutes intervals	
Dimensions	Case: 5.9 x 2.84 x 1.28" (150 x 72 x 32mm) Sensor: 6.3 x 3.15 x 1.5" (160 x 80 x 38mm)	
Weight (with battery)	14.1oz (400g) with batteries	
Case	Polycarbonate	
Operating temperature	14° to 140°F (-10° to 60°C)	
Storage temperature	-4° to 140°F (-20° to 60°C)	
Relative Humidity	Up to 90%	
Ingress Protection (IP)	IP40	
EMC	EN 61326-1	
Safety Compliance	IEC 61010-1	
Warranty	2 years	

Special product features



CATALOG NO.	DESCRIPTION
2121.72	Thermo-Anemometer Data Logger Model 1227