

ENVIRONMENTAL TESTERS

THERMO-ANEMOMETER

MODEL 1227

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



DataView®



SPECIFICATIONS

MODEL	1227	
MEASUREMENTS	Wind Speed	Air Flow
Measurement Range	0.52m/s to 27.0m/s (98.0 to 5,315fpm)	0.00 to 2,999m3/h
Accuracy	±3% of R ± 0.1m/s	8% of R
Resolution	0.01m/s from 0.5 to 98.0m/s .1fpm from 98.4 to 99.9fpm 0.1m/s from 3.0 to 27.0m/s 1fpm from 100 to 5,315fpm	0.01m3/h from 0.00 to 2.99m3/h 0.1 m3/h from 3.0 to 99.9m3/h 1m3/h from 100 to 2.99fm3/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	(3) 1.5V 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%	
SAFETY/WARRANTY		
Safety Rating	IEC 61010-1	
EMC	EN 61326-1	
Ingress Protection	IP40	
Warranty	2 years	

FEATURES

- Measures temperature and air measurements
- Free app for Android™ from the Google® Play Store
- User selectable wind speed or air flow measurement
- User selectable measurement units m/s, fpm, km/h, mph or m3s, m3h, 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® graphing and analysis software included



Catalog #2122.32
Set of Air Flow Measurement Cones

ACCESSORIES

- Catalog #2118.09** General Purpose Carrying Case
- Catalog #2118.65** Soft Carrying Case
- Catalog #2122.31** Shock Proof Housing
- Catalog #2122.32** Set of Air Flow Measurement Cones
- Catalog #2122.33** Replacement Air Flow Sensor
- Catalog #2138.66** 6 ft USB cable
- Catalog #2153.78** Adapter - US Wall Plug to USB
- Catalog #5000.44** MultiFix Universal Mounting System

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

