



The SP-7000 is an all in one instrument to provide measurements for:

1. Air Velocity/Temp
2. Humidity/Temp
3. CFM, CMM
4. Dew Point
5. Wet Bulb
6. Wind Chill
7. Heat Index

Benefits:

- Easy to use
- Fast results
- Accurate

The unit is lightweight and bone-shaped, designed to be used easily with one hand. The unit comes with carry case and instruction manual.

General Specifications:

Display:	8mm LCD display
Operating Humidity:	Max. 80% RH
Operating Temperature:	0 °C to 50 °C (32 °F to 122 °F)
Over Input Display:	Indication of " - - - - "
Power Supply:	CR 2032 DC 3V battery
Power Consumption:	Approx. DC 5 mA
Weight:	160g (battery included)
Dimensions:	H: 120mm x W: 45mm x D: 20mm



Air Velocity:

Unit	Range	Resolution	Accuracy
ft/min	80 to 3937 ft/min	1 ft/min	20 m/s : 3% F.S. > 20 m/s : 4% F.S.
m/s	0.4 to 20.0 m/s	0.1 m/s	
km/h	1.4 to 72.0 km/h	0.1 km/h	
MPH	0.9 to 44.7 mile/h	0.1 MPH	
knots	0.8 to 38.8 knots	0.1 knots	
Temp.	0 to 50 °C	0.1 °C	
	32 to 122 °F	0.1 °F	





Humidity/Temperature:

Unit	Range	Resolution	Accuracy
% RH	10 to 95 %RH	0.1 %RH	< 70% RH : $\pm 4\%$ RH 70% RH : 4% rdg +1.2% RH
Temp.	0 to 50 °C	0.1 °C	± 1.2 °C
	32 to 122 °F	0.1 °F	± 2.5 °F



Air Flow:

Unit	Range	Resolution
CMM	0.024 to 36000	0.001, 0.01, 0.1, 1
CFM	0.847 to 1271300	0.001, 0.01, 0.1, 1, 10 (x10), 100 (x100)

Dew Point Temperature:

Unit	Range	Resolution
°C	-25.3 to 49.0 °C	0.1 °C
°F	-13.5 to 120 °F	0.1 °F
* Calculate from the humidity/temp value		

Wet Bulb Temperature:

Unit	Range	Resolution
°C	-5.4 to 49.0 °C	0.1 °C
°F	22.2 to 120 °F	0.1 °F
* Calculate from the humidity/temp value		

Wind Chill:

Unit	Range	Resolution
°C	-9.4 to 44.2 °C (± 2.0 °C)	0.1 °C
°F	15.0 to 112.0 °F (± 3.6 °F)	0.1 °F
* Calculate from the humidity/temp value		

Heat Index:

Unit	Range	Resolution
°C	0 to 100.0 °C (± 2.0 °C)	0.1 °C
°F	32 to 212 °F (± 3.6 °F)	0.1 °F
* Calculate from the humidity/temp value		