

Phoenix HS-1

ThermoHygrometer

Large Display for Easy Reading

The Phoenix HS-1 is an intuitive, easy-to-use, easy-to-read ThermoHygrometer. The unit can be connected by USB to a computer for data logging and graphing.

The HS-1 will display a quick and precise reading of temperature, relative humidity, and grains of water per pound in real time on a large color display. In addition to RH, dew point can be calculated and temperature can easily be switched from °F to °C and back. A minimum, maximum, and average function is available for the direct analysis of the measured data. By using the hold function, current conditions can be instantly recorded. When not in use, the auto-off feature helps to save battery life.

Specifications

Part No.	4036506
Temperature sensor	NTC
Measuring range	-4 to +122°F -20 to +50 °C
Tolerance	+/- 0.4 °F (32 to 104 °F), otherwise +/- 0.7 °F +/- 0.2 °C (0 to 40 °C), otherwise +/-0.4 °C
Resolution	0.1 °F 0.1 °C
Humidity sensor	Capacitive
Measuring range	0 to 100 % RH
Tolerance	+/- 2 % RH
Resolution	0.1 % RH
Measuring frequency	2x per second
Operating temperature	-4 to +122°F -20 °C to 50 °C
Storage temperature	-4 to +140°F -20 °C to 60 °C
Battery type	4x AA 1.5 VDC
Dimensions	2.5" W x 1.38" H x 8" L 63mm W x 35mm H x 202mm L



MADISON, WISCONSIN



Features

- Large two line color display
- Accurate measurements of the follow:
 - * Temperature (F/C)
 - * Relative humidity
 - * Grains per pound (m3, kg, lb)
 - * Dew Point (F/C)
- Display of MAX, MIN, HOLD, AVG and ACT, easily selectable
- Easy-to-use touch operations
- USB interface for SmartGraph3 software



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