EASY-TO-USE AND EASY-TO-READ

Phoenix HS-1 - Meter

THERMOHYGROMETER

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.

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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SPECIFICATIONS

PART NUMBER

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

	UNIT
WIDTH:	2.5" (63mm)
HEIGHT	1.38" (35mm)
DEPTH:	8" (202mm)