Digital Hygrometer/Thermometer With Integral Datalogger

Model RH70
$645 Basic Unit

- High Accuracy
- Indicates Temperature, Humidity and Dewpoint
- Stores Up to 1000 Readings of Both Humidity and Temperature
- RS-232C Serial Output
- Memory Storage of Min, Max and Average
- Individual Analog Outputs for Both Humidity and Temperature
- Light Weight High Performance Design
- Carrying Case Included

For measuring humidity and temperature in heating, ventilation and air conditioning industries, the RH70 is a microprocessor-based digital hygrometer/thermometer with built-in data storage and an RS-232C interface. The RH70 also calculates the dewpoint, for display in either °C or °F. The RH70 features 2% rdg accuracy for humidity and 0.2% rdg accuracy for temperature. From the front keyboard, the user can select °C or °F units, operating mode and data storage, and download information via the RS-232 output by use of the keypad.

Specifications

RELATIVE HUMIDITY
Sensing Element: Thin-film capacitive type
Range: 5 to 95% RH
Accuracy: ±2% RH ±1 digit
Resolution: 0.1% RH
Response Time: Up to 90% of fluctuations in 15 seconds

TEMPERATURE
Sensing Element: 100 ohm Pt RTD
Range: -20 to 80°C (-5 to 175°F)
Accuracy: ±0.2% rdg ±1 digit
Resolution: 0.4°C/0.7°F

GENERAL
Display: 1 1/2” LCD, 4-digit
Data Acquisition: Store up to 1000 measurements for both humidity and temperature
Digital Output: Standard RS-232C
Baud Rates: 1200 bps
Analog Output: Individual for humidity and temperature; 0 to 2 V range each output
Operating Ambient:
Instrument: 0 to 50°C (32 to 125°F)
Probe: -20 to 80°C (-5 to 175°F)

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

<table>
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<tr>
<th>Model Number</th>
<th>Price</th>
<th>Description</th>
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<tbody>
<tr>
<td>RH70</td>
<td>$645</td>
<td>Portable hygrometer/thermometer</td>
</tr>
<tr>
<td>RH70-AC</td>
<td>675</td>
<td>RH70 with rechargeable battery/charger</td>
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<tr>
<td>RH70-BE</td>
<td>795</td>
<td>Portable hygrometer/thermometer with battery eliminator, 110 Vac input</td>
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<td>RH70-SF</td>
<td>25</td>
<td>Sinter filter</td>
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<tr>
<td>RH70-RP</td>
<td>250</td>
<td>Replacement probe for RH70</td>
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<td>CAL-3-HU</td>
<td>125</td>
<td>NIST Traceable Calibration</td>
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RH70 comes with probe with 5’ connection cable, RS-232C adaptor cable, analog output cable, carrying case, 9 V battery, user’s manual. Ordering Example: RH70-AC portable hygrometer/thermometer with rechargeable battery/charger, $675.
More than 100,000 Products Available!

- **Temperature**

- **Flow and Level**
  Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

- **pH and Conductivity**
  Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

- **Data Acquisition**

- **Pressure, Strain and Force**
  Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

- **Heaters**