RH520A Humidity + Temperature Chart Recorder

This paperless chart recorder provides simultaneous digital and graphical display of %RH and Temperature or Dew Point. The display also shows date/time and Min/Max measurements. Stored readings can be recalled on the display or downloaded to a PC. ExChart PC software is included for download control and to graph %RH, Ambient Temperature, Dew Point, Wet Bulb, and GPP or g/kg. Provisions for wall mounting or the control panel swivels to act as a desk stand. The user can set audible and visual alarms with High and Low limits for Humidity and Temperature.

Features

• Simultaneous numerical and graphical display of Humidity and Temperature or Dew Point readings, plus Time & Date
• Measures Humidity (10 to 95%RH) and Temperature (-20.0°F to 140.0°F) plus included ExChart software to calculate and graph Dew Point, Wet Bulb, and GPP (grains per pound)
• Large dual graphical LCD displays with adjustable vertical and horizontal TAC resolution
• Internal memory records up to 49,000 data points and can be transferred to a PC for further data analysis
• LCD indicates percentage of memory remaining
• Replaceable probe does not require recalibration
• Detachable probe extends up to 1 meter for measurements in closed environments
• Audible and visual alarm with Hi/Low setpoints
• Output socket used with optional external alarm module
• Scroll the cursor to display selected data recorded
• Desk or wall mount
• Complete with built-in stand, detachable probe with 3ft (1m) cable, RS-232 cable, USB adaptor, Windows® compatible software, AC adaptor, and 3 AA batteries

Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Range</th>
<th>Basic Accuracy</th>
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</thead>
<tbody>
<tr>
<td>Relative Humidity</td>
<td>10.0 to 95.0%</td>
<td>±3% RH</td>
</tr>
<tr>
<td>Temperature</td>
<td>-20.0 to 140.0°F (-28.0 to 60.0°C)</td>
<td>±1.8°F (±1°C)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>5 x 7.7 x 0.9” (129x195x22mm)</td>
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<tr>
<td>Weight</td>
<td>12.6oz (357g)</td>
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Ordering

RH520A ..................Humidity + Temperature Chart Recorder
RH520A-220 .............Humidity + Temperature Chart Recorder (220V)
RH520A-240 ..............Humidity + Temperature Chart Recorder (240V)
RH522 ....................Replaceable Humidity/Temperature Probe

* Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number for product plus Calibration Certificate.

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