RH550 Humidity/Temperature Chart Recorder with Touch-Screen

**Features**

- Large 7” (178 mm) high-resolution color TFT LCD (1024 x 600 pixels) with display zoom feature, interactive touch-screen menu, and screen capture capability with finger swipe
- Simultaneous numerical and graphical display of real-time Humidity, Temperature and Dew Point readings, plus Time and Date in Live Mode
- Internal 16 GB memory for capturing up to 20,000 data points in CSV format that can be transferred to a computer via USB port
- User selectable 1 second to 24 hour sampling rate
- Audible and visual alarm with Hi/Low set points
- View recorded alarm values by date sorting or by temperature and humidity values
- Memory progress bar indicates used memory and percentage of free memory remaining
- Recall saved data files using History Mode
- MIN/MAX records minimum and maximum values for all 3 units of measure
- Field-replaceable probe does not require recalibration
- Probe can either be clipped directly onto the tablet or attached to a cable to extend up to ~6.5 ft (2 m) for measurements in closed environments
- Up to 3 probe cables (RH550-C) can be connected together (one is included)
- Desktop or wall mount
- Complete with built-in stand, wall mount bracket, detachable probe (RH550-P), probe cable (RH550-C), USB cable, Universal adaptor with multi-plugs (US, EU, UK, AU), and internal rechargeable Lithium Polymer battery

**Places to monitor Humidity/Temperature/Dew Point:**
- Buildings and conference rooms
- Laboratory, pharmaceutical, cleanrooms, hospitals
- Hydroponics and greenhouses
- Food storage facilities, refrigeration

See next page for product specifications and ordering information
## Specifications

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<th>Range</th>
<th>Max Resolution</th>
<th>Basic Accuracy</th>
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<tbody>
<tr>
<td>Relative Humidity</td>
<td>10% to 95% RH</td>
<td>0.1% RH</td>
<td>±2.5% RH</td>
</tr>
<tr>
<td>Temperature (sensor directly attached to tablet)</td>
<td>14 to 104°F (-10 to 40°C)</td>
<td>0.1°</td>
<td>±0.9°F (±0.5°C)</td>
</tr>
<tr>
<td>Temperature (sensor attached to cable)</td>
<td>-4 to 176°F (-20 to 80°C)</td>
<td>0.1°</td>
<td>±0.9°F (±0.5°C)</td>
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<tr>
<td>Dew point (calculated)</td>
<td>-4 to 176°F (-20 to 80°C)</td>
<td>0.1°</td>
<td></td>
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<tr>
<td>Internal Memory Storage</td>
<td>16 GB</td>
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<td>Sample Rate</td>
<td>1 sec to 24 hrs</td>
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<tr>
<td>Extension Cable</td>
<td>Connect up to 3 cables (RH550-C)</td>
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### Dimensions

- Tablet: 7.8 x 4.6 x 1" (198 x 118 x 25.7 mm)
- Viewable Screen: 7" (178 mm)
- RH550-P probe: 3.1 x 0.6 x 0.4" (79 x 15.8 x 10 mm)
- RH550-C cable: ~6.5 ft (197 cm) cable length; ~6.9 ft (210 cm) cable length and two end connectors

### Weight

- Tablet: 12.9 oz (365 g)
- Tablet with probe and cable: 15 oz (425 g)
- RH550-P probe: 0.4 oz (11.3 g)
- RH550-C cable: 1.7 oz (47 g)

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### Ordering

RH550 .............. Humidity/Temperature Chart Recorder with Touch-screen
RH550-P ............ Humidity/Temperature Probe for RH550
RH550-C ............ Extension Cable for RH550-P

(Note: Connect up to three RH550-C cables serially to the RH550 without sacrificing accuracy)