The MODEL 485B Thermo-Hygrometer is a versatile, compact, handheld instrument for measuring percentage of relative humidity and temperature in °F or °C. Dew point and wet bulb temperatures are derived from the relative humidity and temperature measurements and are displayed on the LCD.

**FEATURES/BENEFITS**
- Compatible with Dwyer AP1 thermo-anemometer and VP1 100 mm vane thermo-anemometer probes (sold separately)
- Hold feature to freeze current readings on the display
- Stores up to 99 readings for future evaluation

**APPLICATIONS**
- Building commissioning
- Pulp & paper

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>485B-1</td>
<td>Digital thermo-hygrometer includes 9V battery, sensing probe, wrist strap, soft carrying case and instructions</td>
<td>$265.00</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH-CAL</td>
<td>33% and 75% salt bath calibration standards</td>
<td>$127.00</td>
</tr>
<tr>
<td>UHH-C1</td>
<td>Soft carrying case</td>
<td>$39.00</td>
</tr>
<tr>
<td>A-47X-BOOT</td>
<td>Protective magnetic rubber boot</td>
<td>$12.50</td>
</tr>
</tbody>
</table>

The MODEL AQH-20 Handheld Indoor Air Quality Meter reduces the number of instruments a contractor has to carry by measuring carbon dioxide concentration, air temperature, and humidity percentage in one device. A large backlit LCD shows all three parameters simultaneously. This product offers user selectable engineering units, maximum/minimum/average readings, a hold function, and an audible alarm.

**FEATURES/BENEFITS**
- All-in-one unit for carbon dioxide, temperature, and humidity
- Large backlit LCD for visibility in dark areas
- User configurable alarms for audible indication of hazardous conditions

**APPLICATIONS**
- Building commissioning
- Green house monitoring

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>CO₂ Range</th>
<th>Humidity Range</th>
<th>Temperature Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQH-20</td>
<td>0 to 2000 ppm</td>
<td>0.0 to 99.9%</td>
<td>14 to 140°F (-10 to 60°C)</td>
<td>$248.00</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

<table>
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<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH-CAL</td>
<td>53% and 75% salt bath calibration standards</td>
<td>$127.00</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

**RANGES:**
- CO₂: 0 to 2000 ppm
- Temperature: 14 to 140°F (-10 to 60°C)
- Relative Humidity: 0.0 to 99.9% RH

**ACCURACY:**
- CO₂: ±3 ppm ±5% of reading
- Temperature: ±0.9°F (±0.6°C)
- Humidity: ±5% RH (10 to 90%), ±10% RH (90 to 99.9%)

**RESOLUTION:**
- CO₂: 1 ppm
- Temperature: 0.1°F (0.1°C)
- Humidity: 0.1% RH

**RESPONSE TIME:**
- CO₂: < 30 seconds
- Temperature: < 2 minutes
- Humidity: < 10 minutes

**DISPLAY:**
- 4 digits for temperature/CO₂ and 3 digits for humidity

**CO₂ SENSOR:**
- Non-dispersive infrared

**TEMPERATURE LIMITS:**
- Process: -40 to 176°F (-40 to 80°C)
- Ambient: 5 to 125°F (-15 to 51°C)

**HUMIDITY LIMITS:**
- Non-condensing: 0 to 95% RH