HOBO® UX100 Loggers

Next-generation family of temperature and humidity data loggers

The HOBO UX100 Series is Onset’s next-generation family of data loggers for tracking temperature and relative humidity in indoor environments.

HOBO UX100 Series offer a dramatic price/performance advantage over competitive products by delivering higher accuracy, larger measurement capacity, and more LCD display features to make environmental data collection faster and easier than ever. The loggers provide a variety of features to reduce deployment time, and offer new logging modes for recording and displaying more detailed data without extensive post-processing or memory use.

Supported Measurements:
Temperature, Relative Humidity, Dew Point

Key Advantages:
• Large memory capacity
• Flexible mounting options
• Visual high & low alarm thresholds
• New Burst and Statistics logging modes
• User-replaceable RH sensors
• Temp, humidity, and thermocouple models available

Minimum System Requirements:

Software  USB cable*
### Thermocouple Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Range</th>
<th>Accuracy</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>J</td>
<td>-210° to 760°C (-346° to 1,400°F)</td>
<td>±0.6°C (±1.08°F) ± thermocouple probe accuracy</td>
<td>0.03°C (0.06°F)</td>
</tr>
<tr>
<td>K</td>
<td>-260° to 1,370°C (-436° to 2,498°F)</td>
<td>±0.7°C (±1.26°F) ± thermocouple probe accuracy</td>
<td>0.04°C (0.07°F)</td>
</tr>
<tr>
<td>T</td>
<td>-260° to 400°C (-436° to 752°F)</td>
<td>±0.6°C (±1.08°F) ± thermocouple probe accuracy</td>
<td>0.02°C (0.03°F)</td>
</tr>
<tr>
<td>E</td>
<td>-260° to 950°C (-436° to 1,742°F)</td>
<td>±0.6°C (±1.08°F) ± thermocouple probe accuracy</td>
<td>0.03°C (0.05°F)</td>
</tr>
<tr>
<td>R</td>
<td>-50° to 1,550°C (-58° to 2,822°F)</td>
<td>±2.2°C (±3.96°F) ± thermocouple probe accuracy</td>
<td>0.08°C (0.15°F)</td>
</tr>
<tr>
<td>S</td>
<td>-50° to 1,720°C (-58° to 3,128°F)</td>
<td>±2.2°C (±3.96°F) ± thermocouple probe accuracy</td>
<td>0.08°C (0.15°F)</td>
</tr>
<tr>
<td>B</td>
<td>550° to 1,820°C (1,022° to 3,308°F)</td>
<td>±2.5°C (±4.5°F) ± thermocouple probe accuracy</td>
<td>0.1°C (0.18°F)</td>
</tr>
<tr>
<td>N</td>
<td>-260° to 1,300°C (-436° to 2,372°F)</td>
<td>±1.0°C (±1.8°F) ± thermocouple probe accuracy</td>
<td>0.06°C (0.11°F)</td>
</tr>
</tbody>
</table>

*Note: Temp & RH NIST certification services available for this product. Please visit onsetcomp.com, or call us at 1-800-564-4377.

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**Contact Us**

Sales (8am to 5pm ET, Monday through Friday)
- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 8pm ET, Monday through Friday)
- Contact Product Support onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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