



TEMP/HUMIDITY METER UNI-T UT333S

The **UNI-T UT333S** is a compact and portable temperature and humidity meter designed for various applications, including HVAC, environmental monitoring, and industrial use. Here are some key features and specifications of the UT333S:

Key Features:

1. **Dual Measurement:**
 - Measures both **temperature** and **relative humidity** simultaneously.
2. **Temperature Range:**
 - **-10°C to 50°C (14°F to 122°F)** for standard use.
 - Extended range with external probe (if supported).
3. **Humidity Range:**
 - **10% to 95% RH** (Relative Humidity).
4. **Accuracy:**
 - Temperature: $\pm 1^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$).
 - Humidity: $\pm 5\%$ RH.
5. **Display:**
 - Backlit LCD screen for easy reading in low-light conditions.
 - Displays both temperature and humidity readings at the same time.
6. **Data Hold:**
 - Freezes the current reading on the display for easy recording.
7. **Max/Min Records:**
 - Records and displays the maximum and minimum temperature and humidity values.
8. **Compact and Portable:**
 - Lightweight and easy to carry, making it ideal for fieldwork.
9. **Auto Power Off:**

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- Saves battery life by automatically turning off after a period of inactivity.

10. **Low Battery Indicator:**

- Alerts you when the battery needs to be replaced.

Applications:

- HVAC system maintenance and diagnostics.
- Monitoring environmental conditions in greenhouses, warehouses, and laboratories.
- Ensuring optimal conditions in storage areas for sensitive materials.
- General home use for comfort monitoring.

Included Accessories:





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- Typically comes with a protective case and batteries.
- Some models may include an external probe for extended temperature measurement.

Battery:

- Powered by standard AAA batteries (usually 2 or 3, depending on the model).

Dimensions and Weight:

- Compact design, typically around **150 x 50 x 25 mm** and weighing about **100-150 grams** (including batteries).