



CLAMP METER UNI-T UT201+

The **UNI-T UT201+** is a clamp meter designed for measuring electrical parameters such as current, voltage, resistance, and more. It is a popular tool among electricians and technicians due to its compact design and ease of use. Below are some key features and specifications of the UNI-T UT201+:

Key Features:

1. **Clamp Current Measurement:**
 - Measures AC current without breaking the circuit.
 - Range: Typically up to 400A AC (check the specific model for exact range).
2. **Voltage Measurement:**
 - Measures AC/DC voltage.
 - Range: Usually up to 600V.
3. **Resistance Measurement:**
 - Measures resistance up to a certain range (e.g., 40MΩ).
4. **Continuity Test:**
 - Audible beep for continuity testing.
5. **Data Hold:**
 - Freezes the displayed reading for easy recording.
6. **Auto Power Off:**
 - Saves battery life by automatically turning off after a period of inactivity.
7. **LCD Display:**
 - Backlit display for easy reading in low-light conditions.
8. **Compact and Portable:**
 - Lightweight and ergonomic design for easy handling.



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Specifications (Typical):

- **AC Current Range:** 0.1A to 400A
 - **AC/DC Voltage Range:** 0.1V to 600V
 - **Resistance Range:** 0.1 Ω to 40M Ω
 - **Frequency Range:** 50/60Hz (for AC measurements)
 - **Jaw Opening:** Typically around 30mm (check the specific model).
 - **Safety Rating:** CAT III 600V (for safe use in electrical environments).
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How to Use:

- 1. Measuring AC Current:**
 - Set the dial to the AC current (A~) setting.
 - Open the clamp and place it around a single conductor.
 - Close the clamp and read the value on the display.
- 2. Measuring Voltage:**
 - Set the dial to the AC or DC voltage setting.
 - Connect the test leads to the circuit or terminals.
 - Read the voltage value on the display.
- 3. Measuring Resistance:**
 - Set the dial to the resistance (Ω) setting.
 - Connect the test leads to the component or circuit.
 - Read the resistance value on the display.
- 4. Continuity Test:**
 - Set the dial to the continuity (buzzer) setting.
 - Connect the test leads to the circuit or component.
 - If there is continuity, the meter will emit a beep.

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Safety Tips:

- Always ensure the meter is set to the correct measurement mode before use.
- Do not exceed the maximum voltage or current ratings.
- Use the meter in environments with the appropriate safety rating (e.g., CAT III 600V).
- Keep fingers behind the protective barriers on the test leads.

