

CLAMP METER PROSKIT MT-3209

The **Proskit MT-3209** is a digital clamp meter designed for measuring electrical current, voltage, resistance, and other electrical parameters. Clamp meters are particularly useful for measuring current without breaking the circuit, making them a convenient tool for electricians and technicians.

Key Features of the Proskit MT-3209:

1. **Current Measurement:**
 - AC Current: Measures alternating current (AC) up to a specific range (e.g., 400A or 600A, depending on the model).
 - Non-contact measurement using the clamp jaw.
2. **Voltage Measurement:**
 - AC Voltage: Measures alternating voltage.
 - DC Voltage: Measures direct voltage (if supported).
3. **Resistance Measurement:**
 - Measures resistance in ohms (Ω).
4. **Continuity Test:**
 - Audible beep for continuity testing.
5. **Other Functions:**
 - Frequency measurement (Hz).
 - Diode testing.
 - Data hold function to freeze the display reading.
 - Auto-ranging or manual ranging (depending on the model).
6. **Display:**
 - Backlit LCD display for easy reading in low-light conditions.
7. **Safety:**
 - Complies with safety standards (e.g., CAT III 600V or CAT IV 300V, depending on the model).
8. **Design:**



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- Compact and ergonomic design for easy handling.
- Clamp jaw for non-invasive current measurement.

Typical Applications:

- Electrical maintenance and troubleshooting.
- HVAC systems.
- Industrial equipment monitoring.
- Household electrical systems.

Specifications (may vary slightly depending on the model):

- **AC Current Range:** Up to 400A or 600A.
- **AC/DC Voltage Range:** Up to 600V.
- **Resistance Range:** Up to 40MΩ.
- **Frequency Range:** 40Hz to 400Hz.
- **Jaw Opening:** Typically around 30mm.

Safety Notes:

- Always follow the manufacturer's instructions and safety guidelines.
- Ensure the clamp meter is rated for the voltage and current levels you are working with.
- Use proper personal protective equipment (PPE) when working with electrical systems.