



PROSKIT MULTIMETER MT-1280

The **Proskit MT-1280** is a compact, handheld digital multimeter designed for basic electrical measurements. It is commonly used by technicians, electricians, and hobbyists for troubleshooting and testing electrical circuits, components, and devices. Below are some key features and specifications of the Proskit MT-1280:

Key Features:

1. **Display:** 3.5-digit LCD display with a maximum reading of 1999.
 2. **Measurement Functions:**
 - DC Voltage (DCV)
 - AC Voltage (ACV)
 - DC Current (DCA)
 - Resistance (Ω)
 - Diode Test
 - Continuity Test (with buzzer)
 3. **Auto Polarity:** Automatically detects and displays negative polarity for DC measurements.
 4. **Overload Protection:** Built-in protection to prevent damage from overloading.
 5. **Compact and Portable:** Lightweight and easy to carry, making it ideal for fieldwork.
 6. **Low Battery Indicator:** Alerts the user when the battery needs replacement.
 7. **Safety Standards:** Complies with safety standards such as IEC 61010 (CAT II 300V).
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Specifications:

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- **DC Voltage Range:** 200mV to 300V
- **AC Voltage Range:** 200V to 300V
- **DC Current Range:** 200 μ A to 200mA
- **Resistance Range:** 200 Ω to 2M Ω
- **Diode Test:** Yes
- **Continuity Test:** Yes (with buzzer)
- **Power Supply:** Typically uses a 9V battery (e.g., PP3 or 6F22).
- **Dimensions:** Compact and ergonomic design for easy handling.



Common Uses:

- Testing batteries, fuses, and switches.
- Measuring voltage in household circuits.
- Checking continuity in wires and connections.
- Diagnosing electrical issues in automotive and home appliances.

Safety Tips:

- Always ensure the multimeter is set to the correct measurement mode and range before use.
- Avoid measuring voltages or currents beyond the multimeter's rated capacity.
- Replace the battery promptly when the low battery indicator appears to ensure accurate readings.