



DMM UNI-T UT39A +

The **DMM UNI-T UT39A+** is a digital multimeter (DMM) manufactured by UNI-T, a well-known brand in the field of electronic test and measurement tools. The UT39A+ is designed for general-purpose electrical testing and is suitable for both professionals and hobbyists.

Key Features of the UNI-T UT39A+:

1. Measurement Functions:

- DC Voltage (V)
- AC Voltage (V)
- DC Current (A)
- AC Current (A)
- Resistance (Ω)
- Capacitance (F)
- Frequency (Hz)
- Temperature ($^{\circ}\text{C}/^{\circ}\text{F}$) with optional thermocouple probe
- Diode Test
- Continuity Test with buzzer

2. Display:

- 3.5-digit LCD display with a maximum reading of 1999.

3. Safety:

- Complies with safety standards such as CAT II 600V and CAT III 300V, ensuring protection against electrical hazards.

4. Build Quality:

- Durable and ergonomic design with a protective rubber holster for drop protection.

5. Additional Features:

- Data Hold function to freeze the display for easy reading.
- Auto Power Off to conserve battery life.
- Low Battery Indicator.



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6. Power Supply:

- Typically powered by a 9V battery (included).

7. Accessories:

- Comes with test leads, a thermocouple probe (for temperature measurement), and a user manual.

Typical Applications:

- Household electrical troubleshooting.
- Automotive diagnostics.
- Electronics repair and maintenance.
- Educational purposes in schools and labs.

Pros:

- Affordable and reliable for basic to intermediate electrical measurements.
- Compact and portable design.
- Includes a temperature measurement feature, which is not always available in entry-level multimeters.

Cons:

- Limited to basic functions; not suitable for advanced or high-precision measurements.
- The display may not be backlit, making it harder to read in low-light conditions.

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