

The **DMM UNI-T UT890C+** is a digital multimeter (DMM) produced by UNI-T, a well-known manufacturer of electronic test and measurement instruments. The UT890C+ is part of the UT890 series, which is designed for general-purpose electrical testing and troubleshooting. Below are some key features and specifications of the UT890C+:

Key Features:

1. Measurement Functions:

- DC Voltage (V)
- AC Voltage (V)
- DC Current (A)
- AC Current (A)
- Resistance (Ω)
- Capacitance (F)
- Frequency (Hz)
- Diode Test
- Continuity Test

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 safe use in various electrical environments.

4. Auto-Ranging:

- The multimeter automatically selects the appropriate range for the measurement, simplifying the process for the user.

5. Data Hold:

- Allows the user to freeze the displayed reading for easy recording.

6. Low Battery Indication:

- Alerts the user when the battery needs to be replaced.

7. Overload Protection:

- Protects the multimeter from damage due to excessive input.

8. Compact and Portable:

- Lightweight and easy to carry, making it suitable for fieldwork.

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Specifications:

- **DC Voltage Range:** 200mV to 600V
- **AC Voltage Range:** 200mV to 600V
- **DC Current Range:** 200 μ A to 10A
- **AC Current Range:** 200 μ A to 10A
- **Resistance Range:** 200 Ω to 20M Ω
- **Capacitance Range:** 20nF to 200 μ F
- **Frequency Range:** 2kHz to 200kHz
- **Diode Test:** Yes
- **Continuity Test:** Yes (with buzzer)



Applications:

- **Electrical Maintenance:** Ideal for troubleshooting and maintaining electrical systems.
- **Electronics Repair:** Suitable for testing and repairing electronic devices and circuits.
- **Education:** Useful for students and educators in electronics and electrical engineering courses.
- **DIY Projects:** Handy for hobbyists working on DIY electronics projects.

Accessories:

- Test leads
- User manual
- Battery (usually 9V)

Conclusion:

The **UNI-T UT890C+** is a versatile and reliable digital multimeter suitable for a wide range of electrical and electronic testing applications. Its combination of features, safety compliance, and ease of use make it a popular choice among professionals and hobbyists alike.



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