



## UT139C True RMS Digital Multimeters

UT139 Series digital multimeters are newly designed to offer users better performance and higher safety rating. Totally over-load protection and unique structural design make it new type of multimeter with high performance/ price ratio and a best choice for electricians used in electrical maintenance and repairing.

- 1、 True RMS for the whole series;
- 2、 Measure signals with varied frequency (VFC);
- 3、 Measure large capacitance up to 100mF;
- 4、 Optional AC/DC 60A current clamps in different models to measure current up to 60A(1mv=1A);
- 5、 NCV designed for the whole series, a necessity for electricians;
- 6、 AA1.5V\*2(5#) battery, easy for users to purchase and replace;
- 7、 Soft rubber holster is easy to stand 2m drop;
- 8、 Optional magnetic hanging strap offered to facilitate tests in special location;
- 9、 Fast to replace fuse, just by opening battery cover;
- 10、 Reliable with use of internal 2PCS fuses with high-breaking capacity;
- 11、 Protection against 600V input/1 minute from misconnection;
- 12、 Safety Rating: CAT III 600V.

| Specifications   | Range   | Best Accuracy |
|------------------|---|---------------|
| <b>Model</b>     |   | <b>UT139C</b> |
| DC Voltage (V)   | 60mV/600mV/6V/60V/600V  | ±(0.5%+2)     |
| AC Voltage (V)   | 60mV/600mV/6V/60V/600V  | ±(0.8%+3)     |
| DC Current (A)   | 600μA/6000μA/60mA/600mA/6A/10A                                      | ± (0.7%+2)    |
| AC Current (A)   | 600μA/6000μA/60mA/600mA/6A/10A                                      | ±(1%+3)       |
| Resistance (Ω)   | 600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ  | ±(0.8%+2)     |
| Capacitance (F)  | 9.999nF/99.99nF/999.9nF/9.999μF/99.99μF/<br>999.9μF/9.999mF/99.99mF | ±(4.0%+5)     |
| Frequency (Hz)   | 10Hz-10MHz  | ±(0.1%+4)     |
| Temperature (°C) | -40 °C~1000°C   | ±(1.0%+3)     |
| Temperature (°F) | -40°F~1832°F  | ±(1.5%+5)     |
| <b>Features</b>  |   |               |
| Display Count    |   | 6000          |
| Auto Range       |   | √             |
| Manual Range     |   | √             |
| True RMS         |   | √             |
| Bandwidth (Hz )  |   | 45Hz ~ 1kHz   |
| V.F.C            |   | √             |
| Duty Cycle       | 0.1% ~ 99.9%  | √             |
| Diode            |   | Around 3V     |
| NCV              |   | √             |
| Auto Power Off   | Around 15 Minutes   | √             |

|                                |   |   |
|--------------------------------|---|---|
| Continuity Buzzer              |   | √ |
| Low Battery Indication         | ≤2.5V   | √ |
| Data Hold                      |   | √ |
| Relative Mode                  |   | √ |
| MAX/MIN                        |   | √ |
| LCD Backlight                  |   | √ |
| Input Protection               | 600Vrms   | √ |
| Input Impedance for DCV        | 1GΩ Max   | √ |
| <b>General Characteristics</b> |   |   |
| Power                          | AA1.5*2   |   |
| LCD Size                       | 58mm × 36 mm                                    |   |
| Product Colour                 | Red and Grey                                    |   |
| Product Net Weight             | 370g  |   |
| Product Size                   | 175mm x 81mm x 48.5 mm                          |   |
| Standard Accessories           | Battery, Test Leads, Temperature Probe          |   |
| Standard Individual Packing    | Gift Box, English Manual                        |   |
| Standard Quantity Per Carton   | 40 PCs  |   |
| Standard Carton Measurement    | 645mm×450mm×340mm (0.098CBM Per Standar Carton) |   |
| Standard Carton Cross Weight   | 25.5 Kg   |   |
| <b>Optional Accessories*</b>   |   |   |
| Current Sensor AC/DC40A        |   |   |