

# UNI-T®

## UT139 Series True RMS Digital Multimeters



UT139 series are CAT III 600V digital multimeters designed for electricians. Its NCV feature can effectively check electrical status through measuring EM field intensity. The new UT139E/S models include special features such as LoZ (ACV) for measuring 'ghost' voltage. Its built-in 31-segment analog bar also gives electricians a better visual representation of measurement results. UT139S is built with black EBTN display and it is a perfect meter for working in dark environments.



● UT139C



● UT139S

### SPECIFICATIONS

|                                  | Range         | UT139A     | UT139B    | UT139C    | UT139E     | UT139S     |
|----------------------------------|---------------|------------|-----------|-----------|------------|------------|
| DC voltage (V)                   | 600V          | ±(0.5%+2)  | ±(0.5%+2) | ±(0.5%+2) | ±(0.5%+2)  | ±(0.5%+2)  |
| AC voltage (V)                   | 600V          | ±(1%+3)    | ±(0.8%+3) | ±(0.8%+3) | ±(0.8%+3)  | ±(0.8%+3)  |
| DC current (A)                   | 10A           | ±(0.7%+2)  | ±(0.7%+2) | ±(0.7%+2) | ±(0.7%+2)  | ±(0.7%+2)  |
| AC current (A)                   | 10A           | ±(1%+3)    | ±(1%+3)   | ±(1%+3)   | ±(1%+3)    | ±(1%+3)    |
| Resistance (Ω)                   | 20MΩ          | ±(1%+2)    |           |           |            |            |
|                                  | 40MΩ          |            | ±(0.8%+2) |           |            |            |
|                                  | 60MΩ          |            |           | ±(0.8%+2) | ±(0.8%+2)  | ±(0.8%+2)  |
| Capacitance (F)                  | 99.99mF       |            | ±(4%+5)   | ±(4%+5)   | ±(4%+5)    | ±(4%+5)    |
| Frequency (Hz)                   | 10Hz~10MHz    |            | ±(0.1%+4) | ±(0.1%+4) | ±(0.1%+4)  | ±(0.1%+4)  |
| Temperature (°C)                 | -40 °C~1000°C |            |           | ±(1%+3)   | ±(1%+4)    | ±(1%+4)    |
| Temperature (°F)                 | -40°F~1832°F  |            |           | ±(1.5%+5) | ±(1.5%+5)  | ±(1.5%+5)  |
| <b>Features</b>                  |               |            |           |           |            |            |
| Display count                    |               | 2000       | 4000      | 6000      | 6000       | 6000       |
| Auto range/Manual range/True RMS |               | √          | √         | √         | √          | √          |
| Bandwidth (Hz)                   |               | 45Hz~400Hz | 45Hz~1kHz | 45Hz~1kHz | 45Hz~400Hz | 45Hz~400Hz |
| NCV/Continuity buzzer            |               | √          | √         | √         | √          | √          |
| Duty cycle                       | 0.1%~99.9%    |            | √         | √         | √          | √          |
| Diode                            |               | Around 2V  | Around 3V | Around 3V | Around 3V  | Around 3V  |
| LPF/LoZ (ACV)                    |               |            |           |           | √          | √          |
| Analog bar                       |               |            |           |           | √          | √          |

### GENERAL CHARACTERISTICS

|                              |  |
|------------------------------|--|
| Power                        | 1.5V battery (R6) x 2  |
| Display                      | 58mm x 36mm  |
| Product color                | Red and grey   |
| Product net weight           | <b>UT139A/B/C:</b> 354g; <b>UT139E/S:</b> 345g   |
| Product size                 | 170mm x 80mm x 48mm  |
| Standard accessories         | <b>UT139A/B:</b> Batteries, test leads;<br><b>UT139C/E/S:</b> Batteries, test leads, temperature probe |
| Standard individual packing  | Gift box, English manual   |
| Standard quantity per carton | 20pcs  |
| Standard carton measurement  | 450mm x 330mm x 340mm  |
| Standard carton gross weight | 12.2kg   |
| Optional accessories         | <b>UT139C:</b> Current sensor AC/DC 40A  |

+982165565901

+982144584619

+989034119385

Tehran, Tehransar