



UT39E+

UT39+ series digital multimeters are portable devices designed for the electrical industry. They feature overvoltage and overcurrent alarm and high voltage protection, triggered during faulty operation. UT39C+/E+ are suitable for HVACR maintenance with its temperature measurement function. UT39E+ is a 20000 count high accuracy meter, suitable for electronics design work.

### Features

|                                |                            |
|--------------------------------|----------------------------|
| Transistor hFE                 | 2m drop test               |
| Diode                          | Data hold                  |
| Continuity test/Relative mode  | Backlight/Auto power off   |
| Frequency response: 40Hz~400Hz | Conductance 100nS (UT39E+) |



| Specifications   | Range   | UT39A+    | UT39C+               | UT39E+               |
|------------------|---|-----------|----------------------|----------------------|
| DC voltage (V)   | 400mV/4V/40V/400V/1000V<br>200mV/2V/20V/200V/1000V  | ±(0.5%+5) | ±(0.5%+5)            | ±(0.05%+3)           |
| AC voltage (V)   | 4V/40V/400V/750V<br>200mV/2V/20V/200V/1000V   | ±(0.8%+3) | ±(0.8%+3)            | ±(0.5%+10)           |
| DC current (A)   | 40μA/400μA/4mA/40mA/400mA/10A<br>400μA/400mA/10A<br>2000uA/20mA/200mA/2A/20A                      | ±(0.8%+3) | ±(0.8%+3)            | ±(0.5%+5)            |
| AC current (A)   | 40mA/400mA/10A<br>4mA/400mA/10A<br>2000uA/20mA/200mA/2A/20A                                       | ±(1%+2)   | ±(1%+2)              | ±(0.8%+10)           |
| Resistance (Ω)   | 400Ω/4000Ω/40kΩ/400kΩ/4MΩ/200MΩ<br>400Ω/4000Ω/40kΩ/400kΩ/4MΩ/40MΩ<br>200Ω/2kΩ/20kΩ/2MΩ/20MΩ/200MΩ | ±(0.8%+2) | ±(0.8%+2)            | ±(0.3%+2)            |
| Capacitance (F)  | 10mF<br>2000μF  | ±(4%+5)   | ±(4%+5)              | ±(4%+20)             |
| Frequency (Hz)   | 10Hz~1MHz<br>10Hz~2MHz  |           | ±(0.1%+4)            | ±(0.1%+3)            |
| Temperature      | -40°C~1000°C<br>-40°F~1832°F  |           | ±(1%+4)<br>±(1.5%+5) | ±(1%+5)<br>±(1.5%+5) |
| Conductance (nS) | 0.1~100nS   |           |                      | ±(1%+3)              |
| Display count    |   | 4000      | 4000                 | 20000                |
| NCV              |   |           | √                    | √                    |
| Category ratings | CAT II 1000V, CAT III 600V  |           |                      |                      |

### Characteristics

|                              |   |
|------------------------------|---|
| Standard accessories         | Test leads, temperature probe (UT39C+/E+), English manual |
| Power                        | 1.5V battery (R03) x 2                                    |
| Display                      | 56.5 x 36mm   |
| Product size                 | 175 x 83 x 53mm   |
| Product net weight           | 330g  |
| Standard individual packing  | Gift box  |
| Standard quantity per carton | 30pcs   |
| Standard carton measurement  | 390 x 355 x 340mm   |
| Standard carton gross weight | 14.5kg  |