UNI-T®

# UT151 Series

## Modern Digital Multimeters



UT151A UT151C UT151F

DC/AC voltage
Up to 600V

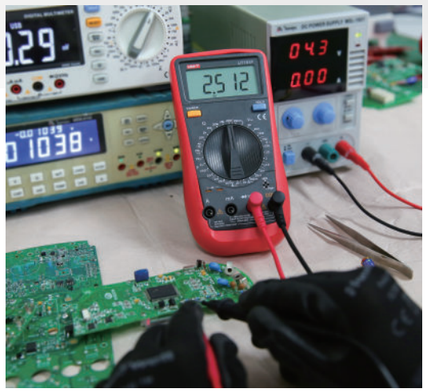
DC/AC current
Up to 10A

2000
2000 display count

Diode measurement

Auto power off

Low battery indication



UT151 Series are 2000-count handheld digital multimeters featuring remarkably stable and reliable operations. They are designed with the large-scale integrated circuits and dual integral A/D converter and also offer overload protection for all ranges. The series can measure DC/AC voltage, DC/AC current, resistance, capacitance, diode, temperature, frequency (UT151F), battery (UT151A) and continuity, which make it a perfect solution for your work.

| Specifications | Range | UT151A | UT151C | UT151F |
|---|---|---|---|---|
| DC voltage (V) | 200mV/2V/20V/200V/600V | ±(0.5%+1) | ±(0.5%+1) | ±(0.05%+3) |
| AC voltage (V) | 2V/20V/200V/600V | ±(0.8%+3) | ±(0.8%+3) | |
| | 200mV/2V/20V/200V/600V | | | ±(0.5%+10) |
| DC current (A) | 200uA/2mA/20mA/200mA/10A | ±(0.8%+1) | | |
| | 2mA/20mA/200mA/10A | | ±(0.8%+1) | ±(0.5%+5) |
| AC current (A) | 200uA/2mA/200mA/10A | ±(1%+3) | | |
| | 20mA/200mA/10A | | ±(1%+3) | |
| | 2mA/20mA/200mA/10A | | | ±(0.8%+10) |
| Resistance (Ω) | 200Ω/2KΩ/20KΩ/200KΩ/ 2MΩ/20MΩ/200MΩ | ±(1%+2) | | |
| | 200Ω/2KΩ/20KΩ/200KΩ/ 2MΩ/20MΩ | | ±(1%+2) | ±(0.3%+1) |
| Capacitance (F) | 2nF/20nF/200nF/2μF/100μF | | ±(4%+3) | |
| | 2μF/200μF | ±(4%+3) | | |
| | | >50uF for refer. | | |
| | 20nF/200nF/2μF/20μF | | | ±(4%+20) |
| Frequency (Hz) | 20KHz | | | ±(1.5%+5) |
| Temperature (°C) | -40°C~1000°C | | ±(1%+5) | |
| Temperature (°F) | -40°F~1832°F | | ±(1%+8) | |
| **Features** | | | | |
| Display count | | 2000 | 2000 | 2000 |
| Manual range | | √ | √ | √ |
| Battery test | 12V/9V/1.5V | ±(2.5%+2) | | |
| Diode | | √ | √ | √ |
| Auto power off | | √ | √ | √ |
| Continuity buzzer | | √ | √ | √ |
| Low battery indication | | √ | √ | √ |
| Data hold | | √ | √ | √ |
| Input impedance for DCV | ≥10MΩ | √ | √ | √ |