

| Models | UT33A+ /UT131A | UT33B+ /UT131B | UT33C+ /UT131C | UT33D+ /UT131D | UT120A | UT120B | UT120C |
|------------------------|---|-------------------|-------------------|-------------------|----------------|--------|---------|
| Page | 056 | 056 | 056 | 056 | 065 | 065 | 065 |
| | | | | | | | |
| DC voltage (V) | 600V/250V | 600V/250V | 600V/250V | 600V/250V | 600V | 600V | 600V |
| AC voltage (V) | 600V/250V | 600V/250V | 600V/250V | 600V/250V | 600V | 600V | 600V |
| DC current (A) | 10A | 10A | 10A | 10A | | | 400mA |
| AC current (A) | 10A | | | | | | 400mA |
| Resistance (Ω) | 200MΩ | 20MΩ | 20MΩ | 200MΩ | 40MΩ | 40MΩ | 40MΩ |
| Capacitance (F) | 2mF | | | | | 100μF | 100μF |
| Frequency (Hz) | | | | | 100kHz | 100kHz | 100kHz |
| Temperature (°C) | | | -40°C~1000°C | | | | |
| Features | | | | | | | |
| Display count | 2000 | 2000 | 2000 | 2000 | 4000 | 4000 | 4000 |
| Diode/continuity | ● | ● | ● | ● | ● | ● | ● |
| Low battery indication | ● | ● | ● | ● | ● | ● | ● |
| Data hold | ● | ● | ● | ● | ● | ● | ● |
| Auto power off | ● | ● | ● | ● | ● | ● | ● |
| LCD backlight | ● | ● | ● | ● | | | |
| Duty cycle | | | | | ● | ● | ● |
| Relative mode | ● | | | | ● | ● | ● |
| NCV | | | | ● | | | |
| Auto range | ● | | | | ● | ● | ● |
| Safety Features | | | | | | | |
| Drop test | 1m | 1m | 1m | 1m | 1m | 1m | 1m |
| Safety rating | CAT II 250V (UT131 series only)/CAT II 600V (UT33+ series only) | | | | CAT II 600V | | |
| Certificates | CE/UKCA/cETLus (UT131 series only) | | | | CE/UKCA/cETLus | | CE/UKCA |

UT33+/UT131 SERIES

Palm Size Digital Multimeters

UNI-T®

The new generation UT33+/UT131 series redefines the performance standard for entry-level digital multimeters. Our innovative industrial design ensures that these products can withstand 2 meters drop. The new LCD display layout provides a better user experience. This series ensures that users can work safely in CAT II 600V environment (CAT II 250V for UT131). This series' special features are: 2mF capacitance test (UT33A+/UT131A); battery test (UT33B+/UT131B); temperature measurement function (UT33C+/UT131C); non-contact voltage (NCV) test (UT33D+/UT131D).

UT131 series are CE certified 250V AC/DC models.



UT33A+

| Specifications | Range | UT33A+/131A | UT33B+/131B | UT33C+/131C | UT33D+/131D |
|---|--|-------------|-------------|-------------|-------------|
| Certificates (UT131 series only) | CE, UKCA, cETLus | | | | |
| DC voltage (V) | 200mV/2V/20V/200V/600V (250V: UT131 series only) | ±(0.5%+2) | ±(0.5%+2) | ±(0.5%+2) | ±(0.5%+2) |
| AC voltage (V) | 200mV/2V/20V/200V/600V (250V: UT131 series only) | ±(0.7%+3) | ±(1.2%+3) | ±(1.2%+3) | ±(1.2%+3) |
| DC current (A) | 10A | ±(1%+2) | | | |
| | 200μA/200mA/10A 2000μA/20mA/200mA/10A | | ±(1%+2) | | |
| AC current (A) | 10A | ±(1.2%+3) | | | |
| | 200MΩ | ±(0.8%+2) | | | |
| Resistance (Ω) | 200Ω/2kΩ/20kΩ/200kΩ/20MΩ/200MΩ | | | | ±(0.8%+2) |
| | 200Ω/2kΩ/20kΩ/200kΩ/20MΩ | | ±(0.8%+2) | ±(0.8%+2) | |
| Capacitance (F) | 2mF | ±(4%+8) | | | |
| Temperature | -40°C~1000°C | | | ±(1%+4) | |
| | -40°F~1832°F | | | ±(1.5%+5) | |
| Display count | | 2000 | 2000 | 2000 | 2000 |
| Range selection | | Auto | Manual | Manual | Manual |
| Battery test | | | 1.5V/9V/12V | | |
| NCV | | | | | √ |
| Category ratings | UT131 series: CAT II 250V; UT33+ series: CAT II 600V | | | | |

Features

| | |
|--|------------------------------------|
| 2m drop proof/ test probe holder | Diode test/continuity buzzer |
| Auto power off/auto backlight off | Clear LCD display |
| Comfortable protective cover, with test lead storage groove | Loud buzzer sound/Ergonomic design |
| Unique battery test feature: displays 'good', 'low', and 'bad' statuses when testing 1.5V/9V/12V batteries (UT33B+/UT131B) | |

Characteristics

| | |
|------------------------------|--|
| Standard accessories | Batteries, test leads, k-type thermocouple (UT33C+/131C), English manual |
| Power | 1.5V battery (R03) x 2 |
| Display | 66 x 51mm |
| Product size | 134 x 77 x 47mm |
| Product net weight | 206g (batteries included) |
| Standard individual packing | Gift box |
| Standard quantity per carton | 60pcs |
| Standard carton measurement | 640 x 310 x 350mm |
| Standard carton gross weight | UT33A+/131A: 18.6kg; UT33B+/131B: 19.4kg; UT33C+/131C: 20.2kg; UT33D+/131D: 19.8kg |