

UT195 SERIES

Professional Multimeters

UT195 series are industrial digital multimeters with IP65 and 2m drop proof. It can be used in mines, oilfields and other harsh environments. UT195 series can be used to find issues related to motor drive, factory equipment maintenance, electrical distribution, and repair. It is exquisitely designed and easy to operate.

- IP65/2m drop proof
- True RMS
- LoZ ACV
- 3-phase motor sequence test (UT195M/DS)
- LPF ACV (UT195DS)
- Data hold/Auto power off
- MAX/MIN
- Function selection
- Flashlight/Auto backlight



● UT195DS

| SPECIFICATION | Range | UT195E | UT195M | UT195DS |
|--------------------------------|---|-----------|-----------|-----------|
| Certificates | CE, RoHS, GS, cTUVus | | | |
| DC voltage (V) | 1000V | ±(0.2%+5) | ±(0.2%+5) | ±(0.2%+5) |
| AC voltage (V) | 1000V | ±(1%+3) | ±(1%+3) | ±(1%+3) |
| AC+DC | 600V | | | ±(1.5%+4) |
| LoZ ACV | 600V | ±(2%+3) | ±(2%+3) | ±(2%+3) |
| DC current (A) | 20A | ±(0.8%+3) | ±(0.8%+3) | ±(0.8%+3) |
| AC current (A) | 20A | ±(1%+3) | ±(1%+3) | ±(1%+3) |
| Resistance (Ω) | 60MΩ | ±(0.8%+2) | ±(0.8%+2) | ±(0.8%+2) |
| Capacitance | 60mF | ±(3%+5) | ±(3%+5) | ±(3%+5) |
| Frequency | 60Hz-10MHz | ±(0.1%+4) | | |
| Duty cycle | 60Hz-40MHz | | ±(0.1%+4) | ±(0.1%+4) |
| Temperature (°C) | 0.1%-99.9% | ±(2%+5) | | |
| Temperature (°C) | -40°C-1000°C | | ±(1.5%+4) | |
| Temperature (°F) | -40°F-1832°F | | ±(2%+5) | |
| Display count | | 6000 | 6000 | 6000 |
| Display interface (LCD) | | Single | Single | Dual |
| Measurement sampling rate | | 3/s | 3/s | 5/s |
| Analog bar sampling rate | | 10/s | | 20/s |
| Analog bar | | 31 | | 31 |
| AC voltage frequency response | | 45-400Hz | 45-1kHz | 45-5kHz |
| AC current frequency response | | 45-400Hz | 45-1kHz | 45-5kHz |
| 3-phase motor sequence test | | | 600V | |
| Low pass filter | | | | 1kHz |
| Diode/Continuity test | | 3.5V | 3V | |
| Peak hold | | | | 250μs |
| Category ratings | CAT III 1000V, CAT IV 600V, IP65 | | | |
| GENERAL CHARACTERISTICS | | | | |
| Power | 9V battery | | | |
| Display | 66mm x 51mm | | | |
| Product net weight | 437g | | | |
| Product size | 195mm x 95 mm x 58mm | | | |
| Standard accessories | Test probes, battery, carrying bag, point contact temperature probe (UT195M), English manual (German, French, Spanish optional) | | | |
| Standard individual packing | Gift box | | | |
| Standard quantity per carton | 10pcs | | | |
| Standard carton measurement | 605mm x 335mm x 405mm | | | |
| Standard carton gross weight | UT195E/UT195M: 11.8kg; UT195DS: 11.18kg | | | |

UT191 SERIES

Professional Multimeters

- Measurement setting saved after power reset
- IP65, 2m drop proof
- Diode/Continuity test
- Auto/Manual range
- True RMS/Peak value measurement
- Auto backlight/Flashlight
- Auto power off
- Low battery indication
- Data hold/MAX/MIN
- Function selection (SELECT)
- 20A current measurement
- LoZ AC measurement
- Precise temperature measurement with resolution of 0.1°C (UT191T)



● UT191T

| SPECIFICATION | Range | UT191E | UT191T |
|--------------------------------|--|-----------|-----------|
| Certificates | CE, RoHS, GS, cTUVus | | |
| DC voltage (V) | 600V | ±(0.2%+5) | ±(0.2%+5) |
| AC voltage (V) | 600V | ±(1%+3) | ±(1%+3) |
| LoZ ACV (V) | 600V | ±(2%+3) | ±(2%+3) |
| ACV LPF | 600V | ±(2%+5) | ±(2%+5) |
| DC current (A) | 20A | ±(0.8%+3) | ±(0.8%+3) |
| AC current (A) | 20A | ±(1%+3) | ±(1%+3) |
| Resistance (Ω) | 60MΩ | ±(0.8%+2) | ±(0.8%+2) |
| Capacitance (F) | 60mF | ±(3%+5) | ±(3%+5) |
| Frequency (Hz) | 10Hz-1MHz | ±(0.1%+4) | ±(0.1%+4) |
| Duty cycle | 0.1%-99.9% | ±(2%+5) | ±(2%+5) |
| Temperature (°C) | -40°C-400°C (0.1°C resolution) | | ±(1%+20) |
| Temperature (°F) | -40°F-752°F (0.2°F resolution) | | ±(1%+40) |
| ACV peak hold | | ±(2%+100) | ±(2%+100) |
| Peak current detection | | ±(3%+100) | ±(3%+100) |
| Display count | 6000 | | |
| Sampling rate | 3 times/second | | |
| Sampling rate | 3 times/second | | |
| Analog bar graph | 31 sections | | |
| AC voltage frequency response | 45Hz-400Hz | | |
| AC current frequency response | 45Hz-400Hz | | |
| Category ratings | CAT III 600V, IP65 | | |
| GENERAL CHARACTERISTICS | | | |
| Power | 9V battery | | |
| Display | 58mm x 42mm | | |
| Product net weight | 428g | | |
| Product size | 180mm x 87mm x 59mm | | |
| Standard accessories | Test lead, battery, carrying bag, point contact temperature probe (UT191T), English manual | | |
| Standard individual packing | Gift box | | |
| Standard quantity per carton | 10pcs | | |
| Standard carton measurement | 535mm x 315mm x 335mm | | |
| Standard carton gross weight | 9.2kg | | |