

UT890 SERIES

TRMS DIGITAL MULTIMETERS

The UT890C/D+ 6000-count true RMS digital multimeters are designed with large LCD display. The maximum measurable capacitance is 100mF, with fast response time of less than 12s. The NCV and continuity measurement have acousto-optic indications. UT890D+ has a LIVE function for distinguishing between live and neutral wires. In addition, it is equipped with the automatic fuse blown detection and high voltage protection.

Applications:

Electrical switchboards; HVAC systems; Electrical circuit faults detection; Installation or maintenance of electronics/factory equipment; Electronics component; development, circuit board design; Users who need to distinguish between neutral/live wire frequently

| | Range | UT890C | UT890D+ |
|---------------|--|-----------|-----------|
| DC voltage | 600mV/6V/60V/600V/1000V | ±(0.7%+3) | ±(0.7%+3) |
| AC voltage | 6V/60V/600V/750V | ±(0.8%+3) | ±(0.8%+3) |
| ACV Frequency | 10Hz~10kHz | ±(0.1%+5) | ±(0.1%+5) |
| DC current | 60μA/600μA/6mA/60mA/600mA/20A | ±(0.8%+8) | ±(0.8%+8) |
| AC current | 60μA/600μA/6mA/60mA/600mA/20A | ±(1%+12) | ±(1%+12) |
| Resistance | 600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ | ±(0.8%+3) | ±(0.8%+3) |
| Capacitor | 6nF/60nF/600nF/6μF/60μF/600μF/6mF/60mF/100mF | ±(3%+10) | ±(3%+10) |
| Frequency | 9.999Hz~9.999MHz | ±(0.1%+5) | ±(0.1%+5) |
| Temperature | -40°C~1000°C/-40°F~1832°F | ±(1%+3) | |

Features

| | | UT890C | UT890D+ |
|---|--------------------------------|--------|---------|
| Display count | | 6000 | 6000 |
| Manual range | | √ | √ |
| NCV/hFE | | √ | √ |
| Diode test/Continuity test | | √ | √ |
| Live | | | √ |
| True RMS | | √ | √ |
| Fuse blowing alarm (mA only) | Input overload or misoperation | √ | √ |
| Acousto-optic indication (NCV/continuity) | | √ | √ |
| High voltage false detection | 1000Vrms | √ | √ |
| Current (AC/DC) mode memory | | √ | √ |
| Over-current alarm | ≥20A | √ | √ |
| Low battery indication | ≤2.5V | √ | √ |
| Data hold/REL | | √ | √ |
| Max/Min | | √ | √ |
| Auto power off | | √ | √ |
| LCD Backlight | | √ | √ |

| | |
|------------------------------|---|
| Power | 1.5V battery (R03) x 2 |
| Display | 60mm x 35mm |
| Product color | Red and grey |
| Product net weight | 346g |
| Product size | 183mm x 88mm x 56mm |
| Standard accessories | Batteries, test lead, k-type temperature probe (UT890C) |
| Standard individual packing | Gift box, English manual |
| Standard quantity per carton | 40pcs |
| Standard carton measurement | 645mm x 450mm x 340mm |
| Standard carton gross weight | 23.3kg |



Patent pending



Live and nature wires identification



Fuse blowing alarm (mA only)