

## 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



Patent pending



	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

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



Live and nature wires identification



Fuse blowing alarm (mA only)