

Models	UT39A+	UT39C+	UT39E+	UT136B+	UT136C+	UT890C	UT890D+	UT89X	UT89XD	UT89XE
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DC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
AC voltage (V)	750V	750V	1000V	1000V	1000V	750V	750V	1000V	1000V	1000V
DC current (A)	10A	10A	20A	10A	10A	20A	20A	20A	20A	20A
AC current (A)	10A	10A	20A	10A	10A	20A	20A	20A	20A	20A
Resistance (Ω)	200MΩ	40MΩ	200MΩ	40MΩ	40MΩ	60MΩ	60MΩ	60MΩ	60MΩ	200MΩ
Capacitance (F)	10mF	10mF	2000μF	40mF	40mF	100mF	100mF	100mF	100mF	200mF
Frequency (Hz)		1MHz	2MHz	40MHz	40MHz	10MHz	10MHz	10MHz	10MHz	60MHz
Temperature (°C)		-40°C ~1000°C	-40°C ~1000°C		-40°C ~1000°C	-40°C ~1000°C		-40°C ~1000°C		-40°C ~1000°C
Features										
Display count	4000	4000	20000	4000	4000	6000	6000	6000	6000	20000
Diode/continuity	•	•	•	•	•	•	•	•	•	•
Low battery indication	•	•	•	•	•	•	•	•	•	•
Data hold	•	•	•	•	•	•	•	•	•	•
Auto power off	•	•	•	•	•	•	•	•	•	•
LCD backlight	•	•	•	•	•	•	•	•	•	•
Duty cycle								•	•	
Relative mode	•	•	•			•	•	•	•	•
NCV		•	•	•		•	•	•	•	
Auto range				•	•					
Trnsistor (hFE)	•	•	•	•	•	•	•	•	•	
Conductance (nS)			•							•
Live test							•	•		
LED test									•	
Max/Min						•	•			•
True RMS						•	•	•	•	•
Safety Features										
Drop test	1m	1m	1m	1m	1m	1m	1m	1m	1m	1m
Safety rating	CAT II 1000V/CAT III 600V									

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.



Live and nature wires identification



UT890D+

Specifications	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)
Capacitance	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)	
Display count		6000	6000
Live			V
Category ratings	CAT II 1000V, CAT III 600V		

Features	
Manual range/True RMS	NCV/hFE/Max/Min
Data hold/REL	Diode test/Continuity test
Audible/visual alarm (NCV/continuity)	High voltage false detection: 1000Vrms
Current (AC/DC) mode memory	Over-current alarm: ≥20A
Low battery indication: ≤2.5V	Auto power off/LCD Backlight
Fuse blowing alarm (mA only): Input overload or misoperation	



Fuse blowing alarm (mA only)

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