



Patent pending

### SPECIFICATIONS

	Range	UT89X	UT89XD
DC voltage (V)	600mV/6V/60V/600V/1000V	±(0.5%+2)	±(0.5%+2)
AC voltage (V)	6V/60V/600V/1000V	±(0.8%+5)	±(0.8%+5)
DC current (A)	60μA/60mA/600mA/20A	±(0.8%+8)	
	60μA/6mA/60mA/600mA/20A		±(0.8%+8)
AC current (A)	60mA/600mA/20A	±(1%+12)	±(1%+12)
Resistance (Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.8%+3)	±(0.8%+3)
Capacitance (F)	6nF/60nF/600nF/6μF/60μF/600μF/6mF/60mF/100mF	±(2.5%+20)	±(2.5%+20)
Frequency (Hz)	9.999Hz/9.999MHz	±(0.1%+4)	±(0.1%+4)
Duty cycle	0.1%~99.9%	±(2%+5)	±(2%+5)
Temperature (°C)	-40°C~1000°C	±(2%+4)	
Temperature (°F)	-40°F~1832°F	±(2%+8)	

#### Features

Display count		6000	6000
Sampling rate		3 times/s	3 times/s
True RMS		√	√
AC voltage frequency response		45~1000Hz	45~1000Hz
AC current frequency response		45~1000Hz	45~1000Hz
Live wire test		√	
LED test			√
Audible/visual alarm	V/A/Cap/Diode/hFE/NCV/Live (UT89X)/LED (UT89XD)		
Diode/Continuity test		√	√
Transistor hFE		√	√
Dual range NCV test		√	√
Auto power off		√	√
Low battery indication		√	√
Data hold		√	√
Function selection	SELECT	√	√
Flashlight		√	√
Auto backlight		√	√

- 1000V AC/DC; 20A AC/DC
- True RMS, 6000 count
- Dual range NCV test which quickly identifies neutral and live wires through light intensity
- LED measurement (UT89XD)
- Audible/visual alarm
- Capacitor charging indicator
- Ergonomic design
- Double injection molding
- 1m drop proof
- Flashlight; Auto backlight



● UT89X

#### Capacitor Measurement

	Fully charged
	Charging in progress

#### LED Test (UT89XD only)

	Normal LED, forward voltage within 11.1V DC
	LED not working

### GENERAL CHARACTERISTICS

Power	1.5V battery (R03) x 4
Display	61mm x 36mm
Product color	Red and grey
Product net weight	345g
Product size	189mm x 89mm x 53mm
Standard accessories	Batteries, test lead, k-type temperature probe (UT89X)
Standard individual packing	Gift box, English manual
Standard quantity per carton	40pcs
Standard carton measurement	490mm x 450mm x 340mm
Standard carton gross weight	23.5kg