



UT89X Digital Multimeter

UT89X/UT89XD is a reliable hand-held 3 5/6 bit digital multimeter with true RMS sine wave measurement. It can measure Max. 1000V DC/AC voltage, Max. 20A DC/AC current, resistance, capacitance, frequency, diode, hFE, continuity and NCV, quickly distinguishing between neutral and

live wires accurately. UT89X can measure temperature and detect neutral and live wires with a test lead. UT89XD can perform LED test. Equipped with audible and visible alarm, flashlight and auto backlight functions, this series can be used in dark environment. It attracts users with its bi-color durable case, modern exterior and multiple functions.

Specifications	Range	UT89X
DC voltage (V)	600mV/6V/60V/600V/1000V	±(0.5%+2)
AC voltage (V)	6V/60V/600V/1000V	±(0.8%+5)
DC current (A)	60μA/60mA/600mA/20A	±(0.8%+8)
AC current (A)	60mA/600mA/20A	±(1%+12)
Resistance (Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.8%+3)
Capacitance (F)	6nF/60nF/600nF/6μF/60μF/600μF/6mF/60mF/100mF	±(2.5%+20)
Frequency (Hz)	9.999Hz/9.999MHz	±(0.1%+4)
Duty cycle	0.1%~99.9%	±(2%+5)
Temperature (°C)	-40°C~1000°C	±(2%+4)
Temperature (°F)	-40°F~1832°F	±(2%+8)
Features		
Display count		6000
Sampling rate		3 times/s
True RMS		√
AC voltage frequency response		45~1000Hz
AC current frequency response		45~1000Hz
Live wire 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		√
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	
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	