

UNI-T



UT139E/S

Operating Manual

P/N:110401106541X



True RMS Multimeters

UT139S True RMS Digital Multimeter

UT139S is a new CAT III 600V multimeter designed for electricians. The meter is CE and ETL certified. The new UT139S model has special features such as LoZ measure for detecting capacitor's ghost voltage and simulated 31 segment analog bar, giving electricians a better visual representation of measurement results. UT139S is built with black EBTN display, a perfect meter for working in dark environments.

Main Features

1. True RMS
2. NCV
3. Auto and manual ranges selectable
4. LPF (low pass filter) function
5. LoZ (low impedance input) function

6. 31-segment analog bar graph
7. Black EBTN screen
8. Diode, duty ratio and continuity buzzer

Functions	Range	Basic Accuracy
		UT139S
DC voltage (V)	60mV/600mV /6V/60V/600V	$\pm(0.5\% + 2)$
AC voltage (V)	60mV/600mV /6V/60V/600V	$\pm(0.8\%+3)$
DC current (A)	600 μ A/6000 μ A /60mA/600mA/6A /10A	$\pm(0.7\%+2)$
AC current (A)	600 μ A/6000 μ A /60mA/600mA/6A /10A	$\pm(1.0\%+3)$
Resistance (Ω)	600 Ω /6k Ω /60k Ω /600k Ω /6M Ω /60M Ω	$\pm(0.8\%+2)$
Capacitance (F)	9.999nF/99.99nF /999.9nF/9.999 μ F /99.99 μ F/999.9 μ F /9.999mF/99.99m F	$\pm(4\%+5)$
Frequency (Hz)	10Hz~10MHz	$\pm(0.1\%+4)$
Temperature ($^{\circ}$ C)	-40 ~ 1000 $^{\circ}$ C	$\pm(1.0\%+4)$
Temperature ($^{\circ}$ F)	-40 ~ 1832 $^{\circ}$ F	$\pm(1.5\%+5)$
Features		

Safety rating		CAT III 600V
True RMS		√
LCD display		EBTN
Display count		6000
LPF (ACV)		√
LoZ (ACV)		√
Diode		√
Continuity buzzer		√
Duty cycle		√
NCV		√
Sampling rate		3 times/s
Analog bar graph		31 segments
Range selection		√
Max/Min		√
Relative mode		√
Drop proof		1m
General Characteristics		
Product color		Red and grey
Product net weight		345g
Product size		170×80×48mm
Standard individual packing		Gift box, English manual

Standard quantity per carton		40pcs
Standard carton size		645×450×340mm
Standard carton gross weight		23.12kg