

UT139 SERIES

True RMS Digital Multimeters



UT139 series are CAT III 600V digital multimeters designed for electricians. Its NCV feature can effectively check electrical status through measuring EM field intensity. The new UT139E/S models include special features such as LoZ (ACV) for measuring 'ghost' voltage. Its built-in 31-segment analog bar also gives electricians a better visual representation of measurement results. UT139S is built with black EBTN display and it is a perfect meter for working in dark environments.

- Unique battery test feature: Display battery power value when testing 1.5V/9V batteries(UT139A)
- Optional accessories: current sensor AC/DC 40A (UT139C only)
- VFC (UT139A/UT139B/UT139C)



● UT139C



● UT139S

	Range	UT139A	UT139B	UT139C	UT139E	UT139S
DC voltage (V)	600V	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)
AC voltage (V)	600V	±(1%+3)	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)
DC current (A)	60A	±(1%+3)	±(1%+3)	±(1%+3)	±(1%+3)	±(1%+3)
AC current (A)	60A	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)
Resistance (Ω)	20MΩ	±(1%+2)				
	40MΩ		±(0.8%+2)			
	60MΩ			±(0.8%+2)	±(0.8%+2)	±(0.8%+2)
Capacitance (F)	99.99mF		±(4%+5)	±(4%+5)	±(4%+5)	±(4%+5)
Frequency (Hz)	10Hz~10MHz		±(0.1%+4)	±(0.1%+4)	±(0.1%+4)	±(0.1%+4)
Temperature (°C)	-40 °C~1000°C			±(1%+3)	±(1%+4)	±(1%+4)
Temperature (°F)	-40°F~1832°F			±(1.5%+5)	±(1.5%+5)	±(1.5%+5)

Features

Display count		2000	4000	6000	6000	6000
Display type		LCD	LCD	LCD	TN	EBTN
Auto range/Manual range/True RMS		√	√	√	√	√
Bandwidth (Hz)		45Hz~400Hz	45Hz~1kHz	45Hz~1kHz	45Hz~400Hz	45Hz~400Hz
NCV/Continuity buzzer		√	√	√	√	√
Duty cycle	0.1%~99.9%		√	√	√	√
Diode		Around 2V	Around 3V	Around 3V	Around 3V	Around 3V
LPF/LoZ (ACV)					√	√
Analog bar					√	√

Power	1.5V battery (R6) x 2
Display	58mm x 36mm
Product color	Red and grey
Product net weight	UT139A/B/C: 354g; UT139E/S: 345g
Product size	170mm x 80mm x 48mm
Standard accessories	UT139A/B: Batteries, test leads; UT139C/E/S: Batteries, test leads, temperature probe
Standard individual packing	Gift box, English manual
Standard quantity per carton	20pcs
Standard carton measurement	UT139A/B/C: 450mm x 330mm x 340mm; UT139E/S: 425mm x 275mm x 340mm
Standard carton gross weight	UT139A/B: 11.8kg; UT139C/E: 12.3kg; UT139S: 12.4kg
Optional accessories	UT139C: Current sensor AC/DC 40A