

UT219 SERIES

Professional Clamp Meters



UT219 series is 600A true RMS professional clamp meter with CAT IV 600V rating. It is industrially designed with IP54 rating and able to withstand 2 meters drop test for measurement in harsh environments. This series is suitable for professional electricians, HVAC/R and motor technicians.

Features:

- True RMS measurement
- Auto/Manual range
- IP54/2m drop protection
- 3-phase sequence test (UT219M/DS)
- Inrush current/AC+DC voltage
- Fast sampling rate: 3 or 5 times/s

All the models in this page share the same mold.

Specifications	Range	UT219E	UT219M	UT219DS
AC current (A)	600A	$\pm(1.8\%+6)$	$\pm(1.8\%+6)$	$\pm(1.8\%+6)$
DC current (A)	600A 2000 μ A		$\pm(0.9\%+6)$	$\pm(0.9\%+6)$
AC voltage (V)	1000V	$\pm(1\%+6)$	$\pm(1\%+6)$	$\pm(1\%+6)$
DC voltage (V)	1000V	$\pm(0.6\%+3)$	$\pm(0.6\%+3)$	$\pm(0.6\%+3)$
LoZ ACV	600V	$\pm(2.5\%+6)$	$\pm(2.5\%+6)$	$\pm(2.5\%+6)$
Resistance (Ω)	60M Ω	$\pm(1\%+3)$	$\pm(1\%+3)$	$\pm(1\%+3)$
Capacitance (F)	60mF	$\pm(4\%+7)$	$\pm(4\%+7)$	$\pm(4\%+7)$
Frequency (Hz)	10Hz~10MHz 600Hz~40MHz	$\pm(0.1\%+6)$	$\pm(0.1\%+5)$	$\pm(0.1\%+6)$
Duty cycle	0.1%~99.9%	$\pm(2.6\%+7)$		$\pm(2.6\%+7)$
Temperature	-40°C~1000°C -40°F~1832°F		$\pm(2\%+5)$ $\pm(2\%+9)$	$\pm(2\%+5)$ $\pm(2\%+9)$
Display count		6000	6000	6000
Jaw opening		33mm	33mm	33mm
AC current frequency response		40Hz~400Hz	40Hz~400Hz	40Hz~400Hz
AC voltage frequency response		40Hz~400Hz	40Hz~400Hz	40Hz~1kHz
3-phase motor sequence test			600V	600V
Low pass filter				1kHz, 3dB attenuation
V+A dual display				v
Diode test		12V	3V	3V
Measurement sampling rate		3 times/s	3 times/s	5 times/s
Analog bar sampling rate		10 times/s		20 times/s
Analog bar		31 segment		31 segment
Display interface (LCD)		Single	Single	Dual
Overvoltage category	CAT III 1000V, CAT IV 600V			



UT219DS



Characteristics

Standard accessories	Test leads, batteries, carrying bag, point contact temperature probe (UT219M/UT219DS), English manual (German, French, Spanish optional)
Power	1.5V battery (R03) x 3
Display	35 x 31mm
Product size	234.6 x 82 x 47mm
Product net weight	310g
Standard individual packing	Gift box, blister
Standard quantity per carton	10pcs
Standard carton measurement	490 x 295 x 330mm
Standard carton gross weight	UT219E: 8kg; UT219M/UT219DS: 8.2kg

