

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.

- Auto/manual range/ZERO mode
- True RMS/auto power off
- MAX/MIN
- IP54/2m drop proof
- Data hold/relative mode
- Flashlight and auto backlight
- Low battery indication
- LoZ input for ghost voltage measurement
- 3-phase motor sequence test (UT219M/DS)
- Temperature and μ A measurements (flame sensor) (UT219M/DS)
- Inrush current/AC+DC voltage/V+A dual display (UT219DS)



● UT219DS

SPECIFICATION	Range	UT219E	UT219M	UT219DS
Certificates	CE, RoHS, cETLus, GS			
AC current (A)	1000A	$\pm(1.8\%+6)$	$\pm(1.8\%+6)$	$\pm(1.8\%+6)$
DC current (A)	1000A 2000 μ A		$\pm(0.9\%+6)$	$\pm(0.9\%+6)$
AC voltage (V)	600V	$\pm(1\%+6)$	$\pm(1\%+6)$	$\pm(1\%+6)$
DC voltage (V)	600V	$\pm(0.6\%+3)$	$\pm(0.6\%+3)$	$\pm(0.6\%+3)$
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%	$\pm(2.6\%+7)$	$\pm(2.6\%+7)$	$\pm(2.6\%+7)$
Temperature	-40-1000°C -40-1832°F	$\pm(2\%+5)$ $\pm(2\%+9)$	$\pm(2\%+5)$ $\pm(2\%+9)$	$\pm(2\%+5)$ $\pm(2\%+9)$
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	v	v	v
Low pass filter	1kHz, 3dB attenuation		v	v
V+A dual displays	Voltage and current at the same time		v	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
Category ratings		CAT III 1000V, CAT IV 600V		
GENERAL CHARACTERISTICS				
Power	1.5V battery (R03) x 3			
Display	35mm x 31mm			
Product net weight	310g			
Product size	234.6mm x 82mm x 47mm			
Standard accessories	Test leads, batteries, carrying bag, point contact temperature probe (UT219M/UT219DS), English manual (German, French, Spanish optional)			
Standard individual packing	Gift box, blister			
Standard quantity per carton	10pcs			
Standard carton measurement	490mm x 295mm x 330mm			
Standard carton gross weight	UT219E: 8kg; UT219M/UT219DS: 8.2kg			

UT200 SERIES

1000A True RMS Digital Clamp Meters

UT200 series are 6000-count digital clamp meters with auto range, large LCD, true RMS, auto scale memory, and NCV functions. They conform to CAT III 1000V/ CAT IV 600V safety rating and certified by CE/ETL. The UT206B, UT207B, and UT208B come with LoZ mode for eliminating 'ghost' voltage, LPF ACV function for measuring INV and VFD voltage, and inrush current mode for capturing transient current. The UT206B and UT208B also feature high-precision temperature measurement with 0.1 °C resolution, and can be equipped with a flexible current probe to extend the AC current measurement range to 3000A.

- True RMS
- Flashlight
- NCV (audible/visual alarm)
- Data hold/backlight
- MAX/MIN/relative mode
- Diode/continuity test
- Inrush current (UT206B/207B/208B)
- LPF ACV (UT206B/207B/208B)
- LoZ ACV (UT206B/207B/208B)
- Optional flex clamp (UT-CS09D) up to 3000A (UT206B/208B)



● UT208B

SPECIFICATION	Range	UT205E	UT206B	UT207B	UT208B
Certificates	CE, RoHS, cETLus				
AC current (A)	1000A	$\pm(2\%+5)$	$\pm(2\%+5)$	$\pm(2\%+5)$	$\pm(2\%+5)$
DC current (A)	1000A		$\pm(2\%+5)$	$\pm(2\%+5)$	$\pm(2\%+5)$
AC current frequency response		50Hz-60Hz	50Hz-60Hz	40Hz-400Hz	40Hz-400Hz
Inrush current (A)	1000A		$\pm(10\%+10)$	$\pm(10\%+10)$	$\pm(10\%+10)$
AC voltage (V)	1000V	$\pm(1.2\%+3)$	$\pm(1.2\%+3)$	$\pm(1.2\%+3)$	$\pm(1.2\%+3)$
DC voltage (V)	1000V	$\pm(0.5\%+5)$	$\pm(0.5\%+5)$	$\pm(0.5\%+5)$	$\pm(0.5\%+5)$
Low pas filter (LPF ACV)	1000V	$\pm(2\%+5)$	$\pm(2\%+5)$	$\pm(2\%+5)$	$\pm(2\%+5)$
AC voltage frequency response		40Hz-400Hz	40Hz-400Hz	40Hz-400Hz	40Hz-400Hz
LoZ ACV	1000V		$\pm(2\%+5)$	$\pm(2\%+5)$	$\pm(2\%+5)$
Resistance (Ω)	60M Ω	$\pm(1\%+2)$	$\pm(1\%+2)$	$\pm(1\%+2)$	$\pm(1\%+2)$
Capacitance (F)	60mF	$\pm(4\%+5)$	$\pm(4\%+5)$	$\pm(4\%+5)$	$\pm(4\%+5)$
Temperature	-40°C-1000°C -40°F-1832°F	$\pm(1\%+2)$ $\pm(1\%+4)$	$\pm(1\%+2)$ $\pm(1\%+4)$	$\pm(1\%+2)$ $\pm(1\%+4)$	$\pm(1\%+2)$ $\pm(1\%+4)$
Low voltage frequency (Hz)		$\pm(0.1\%+3)$	$\pm(0.1\%+3)$	$\pm(0.1\%+3)$	$\pm(0.1\%+3)$
Duty cycle (%)		$\pm(2.6\%+7)$	$\pm(2.6\%+7)$	$\pm(2.6\%+7)$	$\pm(2.6\%+7)$
Analog bar		31	31	31	31
Flexible current probe (optional)	Extends up to 3000A		v	v	v
Zero mode			v	v	v
Display count		6000	6000	6000	6000
Jaw opening		42mm	42mm	42mm	42mm
Category ratings		CAT III 1000V, CAT IV 600V			
GENERAL CHARACTERISTICS					
Power	1.5V battery (R03) x 3				
Display	43mm x 45mm				
Product net weight	UT205E/UT206B: 465g; UT207B/UT208B: 420g				
Product size	272mm x 81mm x 43.5mm				
Standard accessories	Test leads, batteries, point contact temperature probe (UT206B/UT208B), English manual				
Standard individual packing	Gift box, carrying bag				
Standard quantity per carton	UT205E/UT206B/UT207B: 10pcs; UT208B: 5pcs				
Standard carton measurement	UT205E/UT206B/UT207B: 355mm x 330mm x 315mm; UT208B: 355mm x 330mm x 165mm				
Standard carton gross weight	UT205E/UT206B/UT207B: About 7.1kg; UT208B: About 4.5kg				