



UT207B 1000A True RMS Digital Clamp Meter

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.



Features:

1. Flashlight button: Short press this button to turn on/off the flashlight.
2. Flexible current probe (optional) to extend the AC current measurement range to 3000A
3. Inrush current capture
4. NCV Multi-Segment Display and audio/visual alarm
5. True RMS/Auto backlight
6. NCV/Function retention

Specifications	Range	UT207B
AC current (A)	1000A	±(2%+5)
DC current (A)	1000A	±(2%+5)
AC current frequency response		40Hz~400Hz
Inrush current (A)	1000A	±(10%+10)
AC voltage (V)	6V	±(1.2%+3)
	60V/600V/1000V	±(1%+8)
DC voltage (V)	600mV	±(0.8%+3)
	6V/60V	±(0.5%+5)
	600V	±(0.5%+5)
	1000V	±(0.5%+5)
Low pas filter (LPF ACV)	600V/1000V	±(2%+5)
AC voltage frequency response		40Hz~400Hz
LoZ ACV	600V/1000V	±(2%+5)
Resistance (Ω)	600Ω	±(1%+3)
	6KΩ/60KΩ/600KΩ	±(1%+2)
	6MΩ/60MΩ	±(2%+8)
Capacitance (F)	60nF	±(4%+25)
	600nF/6μF/60μF/600μF	±(4%+5)

	6mF/60mF	±(10%+9)
Low voltage frequency (Hz)	10Hz~1MHz	±(0.1%+3)
Duty cycle (%)	10%~90%	±(2.6%+7)
Features		
Display count		6000
Jaw opening		42mm
Current frequency		50Hz~60Hz
High voltage frequency		40Hz~400Hz
Analog bar		31
Auto power off		√
Continuity test		√
Auto/Manual range		√
Low battery indication		√
Diode test		√
Relative mode/Data hold		√
MAX/MIN		√
Function selection		√
Flashlight		√
Wake-up function		√
Auto power off current: < 50μA		√
Zero mode		√
Input impedance (ACV/DCV)	≥10MΩ	√
General Characteristics		
Power	1.5V battery (R03) x 3	
Display	43mm x 45mm	
Product color	Red and grey	
Product net weight	420g	
Product size	272mm x 81mm x 43.5mm	
Standard accessories	Test leads, batteries	
Standard individual packing	Gift box, carrying bag, English manual	
Standard quantity per carton	10pcs	
Standard carton measurement	355mm x 330mm x 315mm	
Standard carton gross weight	About 7.1kg	