

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.

Features

- True RMS
- NCV (audible/visual alarm)
- Data hold/backlight/Flashlight
- 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

Specifications	Range	UT205E	UT206B	UT207B	UT208B
AC current (A)	1000A	±(2%+5)	±(2%+5)	±(2%+5)	±(2%+5)
DC current (A)	1000A			±(2%+5)	±(2%+5)
AC current frequency response		50Hz~60Hz	50Hz~60Hz	40Hz~400Hz	40Hz~400Hz
Inrush current (A)	1000A		±(10%+10)	±(10%+10)	±(10%+10)
AC voltage (V)	1000V	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)
DC voltage (V)	1000V	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)
Low pas filter (LPF ACV)	1000V		±(2%+5)	±(2%+5)	±(2%+5)
AC voltage frequency response		40Hz~400Hz	40Hz~400Hz	40Hz~400Hz	40Hz~400Hz
LoZ ACV	1000V		±(2%+5)	±(2%+5)	±(2%+5)
Resistance (Ω)	60MΩ	±(1%+2)	±(1%+2)	±(1%+2)	±(1%+2)
Capacitance (F)	60mF	±(4%+5)	±(4%+5)	±(4%+5)	±(4%+5)
Temperature	-40°C~1000°C -40°F~1832°F		±(1%+2) ±(1%+4)		±(1%+2) ±(1%+4)
Low voltage frequency (Hz)	10Hz~1MHz	±(0.1%+3)	±(0.1%+3)	±(0.1%+3)	±(0.1%+3)
Duty cycle (%)	10%~90%	±(2.6%+7)	±(2.6%+7)	±(2.6%+7)	±(2.6%+7)
Analog bar			31	31	31
Flexible current probe (optional)	Up to 3000A		√		√
Zero mode				√	√
Display count		6000	6000	6000	6000
Jaw opening		42mm	42mm	42mm	42mm
Overvoltage category	CAT III 1000V, CAT IV 600V				

Characteristics

Standard accessories	Test leads, batteries, point contact temperature probe (UT206B/UT208B), English manual
Power	1.5V battery (R03) x 3
Display	43 x 45mm
Product size	272 x 81 x 43.5mm
Product net weight	UT205E/UT206B: 465g; UT207B/UT208B: 420g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	UT205E/UT206B/UT207B: 10pcs; UT208B: 5pcs
Standard carton measurement	UT205E/UT206B/UT207B: 355 x 330 x 315mm; UT208B: 355 x 330 x 165mm
Standard carton gross weight	UT205E/UT206B/UT207B: About 7.1kg; UT208B: About 4.5kg