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UT200 SERIES

1000A TRUE RMS DIGITAL CLAMP METERS

NEW

Patent pending

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.

Flashlight button: Short press this button to turn on/off the flashlight.

Flexible current probe (optional) to extend the AC current measurement range to 3000A (UT206B/208B)

Inrush current capture (UT206B/207B/208B)

NCV Multi-Segment Display and audio/visual alarm

True RMS　Auto backlight　NCV　Function retention

	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)	6V	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)
	60V/600V/1000V	±(1%+8)	±(1%+8)	±(1%+8)	±(1%+8)
DC voltage (V)	600mV	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)
	6V/60V	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)
	600V	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)
	1000V	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)
Low pas filter (LPF ACV)	600V/1000V		±(2%+5)	±(2%+5)	±(2%+5)
AC voltage frequency response		40Hz~400Hz	40Hz~400Hz	40Hz~400Hz	40Hz~400Hz
LoZ ACV	600V/1000V		±(2%+5)	±(2%+5)	±(2%+5)
Resistance (Ω)	600Ω	±(1%+3)	±(1%+3)	±(1%+3)	±(1%+3)
	6KΩ/60KΩ/600KΩ	±(1%+2)	±(1%+2)	±(1%+2)	±(1%+2)
	6MΩ/60MΩ	±(2%+8)	±(2%+8)	±(2%+8)	±(2%+8)
Capacitance (F)	60nF	±(4%+25)	±(4%+25)	±(4%+25)	±(4%+25)
	600nF/6μF/60μF/600μF	±(4%+5)	±(4%+5)	±(4%+5)	±(4%+5)
	6mF/60mF	±(10%+9)	±(10%+9)	±(10%+9)	±(10%+9)
Temperature (°C)	-40°C~300°C		±(1%+20)		±(1%+20)
	300°C~1000°C		±(1%+2)		±(1%+2)
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)
Features					
Display count		6000	6000	6000	6000
Jaw opening		42mm	42mm	42mm	42mm
Current frequency		50Hz~60Hz	50Hz~60Hz	40Hz~400Hz	40Hz~400Hz
High voltage frequency		40Hz~400Hz	40Hz~400Hz	40Hz~400Hz	40Hz~400Hz
Analog bar			31	31	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		√	√	√	√
Flexible current probe (optional)	Extends to 3000A		√		√
Zero mode				√	√
Input impedance (ACV/DCV)	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ

Power	1.5V battery (R03) x 3
Display	43mm x 45mm
Product color	Red and grey
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)**
Standard individual packing	Gift box, carrying bag, English manual
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