

208D

1000A AC/DC CLAMP ON METER

The 208D clips on ammeter are 6000-count digital clamp on 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 208D 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 208D 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.

EN61010-1 CAT IV 600V, CAT III 1000V

Features

1. Date indication ;
2. Saves measurements ;
3. Inrush current capture ;
4. NCV/Function retention ;
5. 6,000 count LCD display ;
6. True RMS/Auto backlight ;
7. Battery capacity indication ;
8. A/D convert fast sampling time ;
9. 40-1kHz frequency (voltage/current) ;
10. AC, AC V+DC V True-RMS measurements ;
11. NCV Multi-Segment Display and audio/visual alarm ;
12. Flashlight button: Short press this button to turn on/off the flashlight ;



Applications

1. Industrial on site ;
2. Electronic design ;
3. Oil, gas industrial ;
4. Electrical installation ;
5. Power quality analysis ;
6. Smart Grid Application ;
7. Electrical Measurement ;
8. Communication company ;

Specifications

Specifications		
AC current (A)	60A/600A/1000A	±(2.5%+8)
DC current (A)	60A/600A/1000A	±(3%+10)
AC current frequency response		10Hz~1kHz
Inrush current (A)	1000A	±(10%+10)
AC voltage (V)	6V/60V/600V/1000V	±(0.8%+5)
DC voltage (V)	6V	±(0.8%+3)
	60V/600V/1000V	±(0.5%+5)
Low pas filter (LPF ACV)	600V/1000V	±(2%+5)
LoZ ACV	600V/1000V	±(2%+5)
Resistance (Ω)	600Ω	±(1%+3)
	6KΩ/60KΩ/600KΩ	±(0.8%+3)
	6MΩ/60MΩ	±(0.8%+3)
Capacitance (F)	60nF	±(4%+25)
	600nF/6μF/60μF/600μF	±(4%+3)
	6mF/60mF	±(10%+9)
Temperature (°C)	-20°C~300°C	±(1%+20)
	300°C~1000°C	±(1%+2)
Low voltage frequency (Hz)	10Hz~1KHz	±(0.1%+3)
Duty cycle (%)	10%~90%	±(2.6%+7)
Features		
Display count		6000
Jaw opening		35mm
Current frequency		50Hz~60Hz
High voltage frequency		40Hz~1KHz
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		√
Flexible current probe (optional)	Extends to 3000A	√
Zero mode		√
Input impedance (ACV/DCV)	≥10MΩ	√

Specifications - continued

General Characteristics	
Power	1.5V battery (AAA) x 3
Display	43mm x 45mm
Product color	Red and grey
Product net weight	380g
Product size	235mm x 85mm x 40mm
Safety standards	EN61010-1, EN61010-2-032, EN61326, CATIII 1000V
Standard accessories	Test leads, batteries, point contact temperature probe
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	20pcs
Standard carton measurement	700mm x 650mm x 350mm
Standard carton gross weight	About 20kg