1000A AC/DC True RMS Digital High Performance Clamp meter | SCM208

The **STANONE True RMS high performance 6000-count digital clamp meter** with **auto range**, with a **large LCD display**, **auto-scale memory**, and **NCV** functions.

Conforming to **CAT III 1000V/CAT IV 600V** safety rating and certified by **CE/ETL**, The SCM208 clamp meter **LoZ mode eliminates 'ghost' voltage**.

In addition provides low pass filter (LPF), ACV function for measuring **INV** and **VFD** voltage and inrush current mode for capturing transient current.

The SCM208 features high-precision temperature measurement with **0.1°C** resolution. The SCM208 clamp meter can be optionally equipped with a flexible current probe to extend the **AC current measurement range to 3000A**.

Features :

- True RMS
- Inrush current capture
- Non contact voltage (NCV) detection (audible/ visual alarm)
- LoZ ACV
- LPF ACV/ACV+ DCV/ Transistor hFE
- Built in flashlight (On/Off), use in dark spaces.
- CAT IV 600V / CAT III 1000V safety rating
- Peak Hold
- Optionally use flexible CT for measuring upto 3000A on larger cables & constricted spaces

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Specifications :

Auto Range	√	
True RMS	√	
Display Count	6000	
Jaw Size	42mm	
Measurement	**Range**	**Accuracy**
AC current (A)	1000A	±(2%+5)
DC current (A)	1000A	±(2%+5)
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)
Temperature (°C)	-40°C~300°C	±(1%+20)
	300°C~1000°C	±(1%+2)
Low voltage frequency (Hz)	10Hz~1MHz	±(0.1%+3)
Duty cycle (%)	10%~90%	±(2.6%+7)
Other Features		
Current frequency		50/60Hz
Analog bar		31
Auto power off/Continuity 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
Category Safety Ratings	CAT III 1000V/CAT IV 600V	
General Characteristics		
Power	1.5V battery AAA x 3	
Display	43mm x 45mm	
Product net weight	420g	
Product size	272mm x 81mm x 43.5mm	
Standard accessories	Test leads, battery, point contact temperature probe	

Flexible Clamp Sensor | CS09D

CS09D flex clamp sensor solves problems of measuring high current on conductors in tight spaces. Its Rogowski coil based current sensor provides stable, safe and high reliable measurements up to 3000A.

Compatible with SCM208 Clamp meter. Simply wrap the coil around the conductor in which current is to be measured & plug the sensor into the SCM208 clamp meter for getting measurements instantly.

Features :

- Flex clamp can measure from 1.5A to 3000A current
- 1m drop proof
- Robust terminal connection
- CS09D when connected to SCM208 will directly displays current

Specifications :

Certificates	CE, RoHS, cETLus
AC current (A)	30A/300A/3000A
Frequency response	45Hz~500Hz
Flex clamp size	45.7cm (18 inches)
Operating temperature	0°C~50°C
Storage temperature	-20°C~60°C
Storage humidity	≤80%RH
Low battery indication	About 3.3V
Category Safety Ratings	CAT IV 600V
Power	1.5V battery AAA x 3
Product net weight	260g
Product size	267mm x 119.4mm x 34mm
Standard accessories	Batteries, BNC adapter

Ordering codes:

SCM208 clamp meter only	SCM208
SCM208 clamp meter with 3000A flex clamp sensor	SCM208 + CS09D

Quality Management System
ISO 9001: 2015
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