

100A High Precision Mini True RMS Clamp Meter | **SCM210**

The **SCM210 100A Mini Clamp Meter** is a compact, versatile, and precision-engineered tool designed to deliver reliable electrical measurement performance, especially in confined or hard-to-reach spaces. Built for professionals and technicians across industrial, residential, and commercial environments, it combines an **ergonomic design, advanced measurement capabilities** and **user-friendly features** to support a wide range of applications, including troubleshooting solar power system current loads, electric vehicles, electrical testing in telecom and signaling circuits and the maintenance and repair of electrical and power equipment.



Low Range

Features :

- 100A AC and DC current measurement with 1mA resolution
- True RMS response for AC current
- V.F.C function for measuring signal at variable frequency
- 600V AC and DC voltage measurement
- Non-contact voltage detection with LED indication
- Auto range, Data HOLD, input protection, ZERO mode and auto power off
- 2~3 times/s sampling rate
- Ergonomic and lightweight design

Complies to:
IEC/EN61010-1
EN61010-2-30



Note: VFC denotes variable frequency control function which allows the meter to reject high frequency interference signals.



Specifications :

Auto Range	✓	
True RMS, 17mm Jaw	✓	
Display Count	2000	
Measurements	Range	Accuracy
AC Current (A)	100A	± (2.5%+5)
DC Current (A)	100A	± (2%+3)
AC Voltage (V)	600V	± (1%+3)
DC Voltage (V)	600V	± (0.7%+3)
Resistance (Ω)	20MΩ	± (1%+2)
Capacitance (F)	20mF	± (4%+5)
Other Features		
Diode Test	✓	
Continuity Buzzer	✓	
V.F.C.	✓	
NCV	✓	
Data Hold	✓	
Zero Mode	✓	
LCD Backlight	✓	
Auto Power Off	✓	
Low Battery Indication	✓	
Input Protection	✓	
Category Safety Ratings	CAT III 300V, CAT II 600V	
General Characteristics		
Power	1.5V Battery (R03) x 2	
Display	39.3mm x 26.5mm	
Product Net Weight	170g	
Product Size	175mm x 60mm x 33.5mm	
Standard Accessories	Battery, Test Leads	