S690 Rogowski Coil Ammeter

- Wide Measurement Range - 0.01A～9999A
- Versatile - Able to clamp around wires and cables of various sizes
- Data Hold & Data Save Function
- Easy to Use - Simply pull to disconnect the joint

DESCRIPTION

The coil of our Rogowski Coil Ammeter (Flexible Clamp Meter) is designed to be open and closed like a lid of a pen. Simply pull out of/push into the notch to disconnect/connect it, which is very easy to operate. It is widely used in many industries and is especially suitable for testing applications such as wire systems of high density, transformer core grounding current, current of thick cables; the power of motors and transformers; relays, thyristor-controlled rectifier, semiconductor switches, power electronic conversion equipment, and arc welding in industrial environments where current is severely distorted.

SPECIFICATIONS

Function	AC Current
Testing Method	Flexible CT, Integration
Power	3V DC (AAA 1.5V X 2)
Display	4-bit LCD display, backlight function, suitable for dark ambient
Measurement Range	Current: 0.00A～9999A
Accuracy (26℃ ± 3℃, Below 70%RH)	Current: ±2%±3dgt
Resolution	10mA
Clamp Size	Inner Diameter Φ200mm
Coil Spec	Thickness Φ7.5mm, length 650mm
Data Storage	99 Sets, blinking of the “FULL” symbol indicates that memory is full
Position of Conductor	Middle of the clamp/coil
USB Port	Data upload to a PC for better analysis
Frequency	50Hz and 60Hz, Auto detection
Range	Auto
Sampling Rate	2 Samples/second
Line Voltage	Below AC 1000V
Dimensions	Instrument: 350mm×220mm×38mm (Coil expanded) Package: 285mmx175mmx63mm
Data Hold	Data hold function is indicated by the “DH” symbol
View Data	Press and hold the MEM button to view data
Overload	Overload is indicated by the “OL” symbol
Peak Hold	Capture and hold the highest magnitude of the measured parameter
Auto Shutdown	The instrument will be shut down after 15 minutes of idle
Low Battery	Please replace the batteries when the battery voltage is low
Weight	300g (with batteries), 750g (package)
Operating Current	30mA
Ideal Working Conditions	-10℃～40℃, below 80%RH

Ideal Storage Conditions	-10℃～60℃, below 70%RH
Safety Standards	IEC1010-1, IEC1010-2-032, Pollution Category II, CAT Ⅲ(600V)

ACCESSORIES & ORDER DATA

Description	Order Code
Rogowski Coil Ammeter	S690

Description	Order Code
Included accessories for S690	
Instrument, 1 pc	
Instrument Bag, 1 pc	
USB Cable, 1 pc	
Batteries (AAA 1.5V), 2 pcs	
Manual and Certificate of Conformity, 1 of Each	

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