

S690P Rogowski Coil Power Meter

FEATURES



5 Modes Available, Current, Voltage, Power, Frequency & Phase Angle

Measurement Ranges, 0.01A to 9999A, 0.01V to 1kV, 45 to 65Hz, 0° to 360°, 0.1mW to 9999kW.

Able to clamp around wires and cables in environments that are difficult to access

Data Hold and Save Function

Simply pull to disconnect the joint, easy & convenient to use

Testing Method - Flexible CT, integration

True RMS CAT IV 600V, CAT III 1000V



SPECIFICATIONS

Function	AC Current, AC Voltage, Frequency, Phase Angle & Power
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 to 9999A
	AC Voltage: 0.00V to 1000V
	Frequency: 50 to 60Hz
	Phase Angle: 0° to 360°
	Power: 0.0mW to 9999kW
Accuracy (26°C ± 3°C, Below 70%RH)	Current: ±2%±3dgt
	AC Voltage: ±1.5%±3dgt
	Frequency: ±0.5Hz
	Phase Angle: ±4°
	Power: ±2%±3dgt
Resolution	10mA, 0.01V, 0.1Hz, 1°, 0.1mW
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°C to 40°C, below 80%RH
Ideal Storage Conditions	-10°C to 60°C, below 70%RH
Safety Standards	IEC1010-1, IEC1010-2-032, Pollution Category II, CAT IV(600V), CAT III (1000V)



SALES OFFICE

Email: sales@eaglotest.com

Tel: +86 020 31529626

Add: Building 4, No.18 Keyuan Road,
Baiyun District, Guangzhou, Guangdong, China

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www.eaglotest.com
Eaglotest Technology