

### Product Function

Measurement of H/L voltage AC leakage current and current. (Above 600V, operate with insulation rod).

### Product features

1. The current clamp adopts magnetic shield and CT digital integration technology, with strong anti-interference, high accuracy and stable test.
2. The innovative automatic plug and pull structure makes it easy to clamp or withdraw the tested wire by pressing or pulling the insulation rod, saving time and convenient.
3. Peak hold, data hold and data memory function.

### Technical Specification

	EM9000S	EM9100S
Model		
Measurement Range	0mA~1200A (50/60Hz automatic)	0.00mA~600A (50/60Hz automatic)
Resolution	1mA	0.01mA
CT Size	φ48mm	φ33mm
Meter Dimension	255mmX84mmX39mm	245mmX72mmX39mm
Weight	1080g(include insulation rod and battery)	900g(include insulation rod and battery)
Test Accuracy (23°C±5°C, below 80%RH)	0mA~99.9A: ±1%rdg±5dgt	0.00mA~299mA: ±1%rdg±5dgt
	100A~599A: ±1.5%rdg±5dgt	0.30A~49.9A: ±1.5%rdg±5dgt
	600A~1200A: ±2%rdg±5dgt	50.0A~199A: ±2%rdg±5dgt
	-	200A~600A: ±3%rdg±5dgt
Insulation Rod Length	About 900mm	
Line Voltage	Below 10kV (operate with insulation rods)	
Power Supply	6V DC (LR03 1.5VX4 alkaline dry batteries)	
LCD Dimension	47mmX28.5mm	
Sampling Rate	2 times/s	
PEAK Hold	Automatically hold the highest test value. In the test mode, long press the <b>PEAK</b> key until the PEAK light on, which turns on the PEAK hold function	
Data Storage	99 groups, stored process display <b>MEM</b> symbol, “ <b>FULL</b> ” symbol display indicate that storage full	
Data Hold	In usual test mode, press <b>HOLD</b> key to keep data, “ <b>HOLD</b> ” symbol display	
Data Access	“ <b>MR</b> ” symbol indication, can access all storage data	
Overflow Display	Exceed measure range overflow function: “ <b>OL A</b> ” symbol display	
Automatic Shut Down	15 minutes after boot up, the meter shuts down automatically without any operation, to reduce battery consumption	
Battery Voltage	When battery voltage is lower than 4.8V, low battery voltage symbol “ <b>⎓</b> ” will display and remind to replace battery.	
Interference	No interference of 315MHz and 433MHz same frequency signals	
Insulation Strength	Between the 3 <sup>rd</sup> insulation rod and high voltage meter shell: AC 100kV/rms; Between high voltage meter shell and iron core: AC1000V/rms	
Accessories	Meter: 1PCS; Insulation rod (900mm): 1PCS; Tool bag: 1SET; LR03 battery: 4PCS	