

Product Function

Measurement of H/L voltage AC current below 110kV. (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 the meter easy to clamp or withdraw the tested wire by pressing or pulling the insulation rod, saving time and convenient.
3. EM9000A with the Bluetooth communication, after installation the APP(support android system)mobile terminals can be used to testing operations and view test records.
4. EM9000B with wireless communication function, and the test results can be viewed in real time on the handheld receiver.

Technical Specification

Model	EM9000	EM9000A	EM9000B
Line Voltage	Below 110kV, operate with insulation rod		
Measurement Range	AC 0mA~1200A		
Max Resolution	1mA		
Test Accuracy (23°C±5°C, below 80%RH)	0mA~99.9A: ±1%rdg±5dgt		
	100A~599A: ±1.5%rdg±5dgt		
	600A~1200A: ±2%rdg±5dgt		
CT Size	Φ48mm		
Meter Dimension	255mmX84mmX39mm	255mmX84mmX39mm	255mmX84mmX39mm Receiver: 165mmX78mmX42mm
Meter Weight	3kg (include insulation rod)	3kg (include insulation rod)	3.3kg (include insulation rod)
Power Supply	6V DC(LR03X4pcs alkaline dry batteries)	lithium battery DC 7.4V 600MAH	6V DC(LR03X4pcs alkaline dry batteries)
LCD Size	47mmX28.5mm	47mmX28.5mm	47mmX28.5mm
Sampling Rate	2 times/s	2 times/s	2 times/s
Communication Mode	-- --	Bluetooth, straight distance 10m	Wireless transmission, straight distance 30m
PEAK Hold	Automatically hold the highest test value	Automatically hold the highest test value	-- --
Data Hold	In usual test mode, press HOLD key to keep data, " HOLD " symbol display		
Data Storage	99 groups , stored process display MEM symbol, " FULL " symbol display indicate that storage full		
Data Access	" MR " symbol indication, can access all storage data		
Overflow Display	Exceed measure range overflow function: " OL A " symbol display		
Automatic Shutdown	15 minutes after boot up, the meter shuts down automatically without any operation, to reduce battery consumption		
Battery Voltage	When battery voltage is lower , low battery voltage symbol " ⎓ " display and remind to charge.		
Line Voltage	Below 110kV current test , operate with insulation rods (below 500kV can be customized , only for ETCR9000B)		
Insulation Rod Dimension	About 4300 mm		
Insulation Rod Withstand Voltage	110kV (The telescopic insulation rod is fully opened between the two ends)		
Accessories	Meter: 1PCS; flexible insulation rod : 1PCS; Tool bag: 1SET; LR03 battery: 4pcs	Meter: 1PCS ; Charger: 1PCS; flexible insulation rod: 1PCS; Tool bag: 1SET	Meter: 1PCS; Receiver: 1PCS; flexible insulation rod: 1PCS ; Tool bag: 1SET; LR03 battery: 8pcs