

Product Function

Test the leakage current, current, transformation ratio, ratio error, angle error, phase, polarity and phase sequence of the primary and secondary circuit of the current transformer in the 380V/220V distribution system.

Product features

1. Current clamp adopts high performance Permalloy core, magnetic shield and CT digital integrated technology, with strong anti-interference ability, high accuracy for testing.
2. The primary flexible current clamp is especially suitable for small space and flat cable dense places, more convenient and fast for testing.
3. EM9620B primary current clamp adopts wireless transmission, more convenient for testing.
4. Data hold function, data storage function.



Technical Specification

Model	EM9620	EM9620B
Primary Current Clamp Test Accuracy	Range: 0.0A~3000A; Resolution: 0.1A; Accuracy: $\pm 1\%$ FS (23°C $\pm 3^\circ$ C, below 70%RH, the conductor should be in the center of the clamp)	Range: 0.0A~3000A; Resolution: 0.1A; Accuracy: $\pm 1\%$ FS (23°C $\pm 3^\circ$ C, below 70%RH, the conductor should be in the center of the clamp)
Secondary Current Clamp Test Accuracy	Range: 0.00mA~5A; Resolution: 0.01mA; Accuracy: $\pm 0.5\%$ FS	Range: 0.00mA~5A; Resolution: 0.01mA; Accuracy: $\pm 0.5\%$ FS
Transformation Ratio Measurement Range	1~9999	1~9999
Transformation Ratio Resolution	0.1	0.1
Angle Error Test Accuracy	Range: 0~360°; Resolution: 1°; Accuracy: $\pm 3^\circ$	-----
Primary Current Clamp Connection Mode	Wire connection, length 2m	Wireless transmission, communication distance 100m
Primary Current Clamp Size	CT Size: $\phi 200$ mm Shape Size: 200mmX245mmX13mm	CT Size: $\phi 200$ mm Shape Size: 200mmX370mmX40mm
Secondary Current Clamp Size	CT Size: $\phi 16$ mm Shape Size: 110mmX53mmX22mm	CT Size: $\phi 16$ mm Shape Size: 110mmX53mmX22mm
Host Dimension	78mmX165mmX42mm	78mmX165mmX42mm
Weight	About 1.52kg (include accessories)	About 1.62kg (include accessories)
Power Supply	Receiver: DC6V, Alkaline dry battery (LR03 1.5V X 4PCS)	Receiver: DC6V, Alkaline dry battery (LR03 1.5V X 4PCS) Current clamp: DC9V, alkaline dry battery (6LR61 9V)
Data Storage	3000 groups	
Sampling Rate	3 times/second	
Automatic Shut Down	15 minutes after boot up, the meter shuts down automatically without any operation	
Battery Voltage	When battery voltage is lower than 4.8V, low battery voltage symbol "  " will display and remind to replace battery.	
Overflow Display	Exceed measure range overflow function: "OL A" symbol display	
Current Clamp Connection Cable Length	2m	
Working Temperature	-15°C~50°C; Below 70%RH	
Store Temperature	-15°C~60°C; Below 70%RH	
Insulation Strength	AC3700V/rms between the core and shell	
Accessories	Host: 1PCS; Primary flexible current clamp: 1PCS; Secondary current clamp: 1PCS; Tool bag: 1PCS; Alkaline battery LR03: 4PCS	Host: 1PCS; Primary flexible current clamp: 1PCS; Secondary current clamp: 1PCS; Tool bag: 1PCS; Alkaline battery LR03: 4PCS; Battery 6LR61: 1PCS