ETCR METER®

GUANGDONG ETCR ELECTRONIC TECHNOLOGY CO.,LTD.

EM9400

Live Zinc Oxide Arrester Clamp Tester







PRODUCT FUNCTION

- Used for testing the leakage current of the zinc oxide arrester below 35kV circuit line to judge whether the performance of the arrester is deteriorating.

PRODUCT FEATURES

- There is no need to cut off power supply during the test, no need to remove the arrester, safe and fast to operate.
- The current clamp with strong anti-interference ability, and with microampere level leakage current test ability, which can test 1uA weak current, also can be used as high accurate clamp ammeter.
- Adopt wireless communication mode, the master instrument can close or open the detector remotely, check the working condition of the clamp jaw and reading current data.
- The detector can be used to connected with insulation rod, especially convenient for testing high voltage line.

TECHNICAL SPECIFICATION

Power Supply	Master: DC 7.4V 2000mAh rechargeable battery, full charge approx. 8.4V Detector: DC 7.4V 2500mAh rechargeable battery, full charge approx. 8.4V
Display Mode	3.5 inch color screen; Display area: 71mm x 53mm
Test Mode	Clamp type
Measurement Range	AC 0.000mA~300.0mA (Ture RMS)
Resolution	1uA
Accuracy	± 1% ± 8dgt (23℃ ± 5℃, below 80 % RH)
Harmonic current	The third order harmonic
Communication Mode	433MHz wireless communication
Communication Distance	30m
Clamp Jaw Size	Φ40mm
Sampling Rate	2 times/sec
Data Storage	200 groups,display "HOLD" symbol in storage process
Data Hold	In test mode, press ***HOLD*** button to hold data and store, "HOLD" symbol is displayed, and then press ***HOLD*** button to cancel holding the data
Data Access	"READ"symbol is displayed, flipping up and down to view the stored data in this state
Overflow Display	Over range overflow function: "OL" symbol is displayed
Automatic Shutdown	10 minutes without any operation after starting up, the tester will automatic shutdown to reduce battery consumption
Battery Voltage	When the battery power is low, the battery voltage low symbol "▭" displayed and remind to charged
USB Interface	The master equipped with USB interface, which can upload the stored data to computer
Line Voltage	Below 35kV
Insulation Rod Dimension	4 section of touch-tone stretch insulation rod (stretch state 5m, closed state 1.5m, rod diameter Φ44mm)
Working Temperature	- 20℃ ~ 40℃; below 80 % RH

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Note! Photographs in this catalogue may slightly differ from the instruments at the time of delivery.
Subject to technical change without notice.

Instrument Dimension	Master: 195mm x 100mm x 45mm; Detector: 208mm x 131mm x 90mm
Weight	Approx. 7.4kg (including insulation rod and case)
Accessories	Master*1PC Detector*1PC Telescopic insulation rod*1PC Emergency pull ring*1PC Multi-serial port charger*1PC Aluminum case*1PC USB communication cable*1PC Universal joint connector*1PC

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