ETCR METER®

GUANGDONG ETCR ELECTRONIC TECHNOLOGY CO.,LTD.

EM8100

Transformer Core Earth Current Tester





PRODUCT FUNCTION

- Transformer core earth current test; Online testing of AC leakage current, current, frequency.

PRODUCT FEATURES

- Mainly used for leakage current testing of iron cores and clamp parts of electrical equipment such as transformers and reactors. The tester can detect potential faults of transformers in time and is the main tool to ensure safe operation and normal maintenance of transformers.
- Adopts 3.5 inch colorful touch screen, real-time display the measured current value and waveform, convenient to operation.
- Large caliber current clamp, no need to disconnect the tested line, easy to carry especially suitable for online testing in field. Non-contact measurement, fast, safe and reliable.
- The current clamp adopts Permalloy iron core and CT double-layer shielding technology, which performance stability, high accuracy and strong anti-interference ability, suitable for complex interference environment.
- Alarm function, data storage function, time setting function, serial number setting function.
- Equip with USB interface, communication cable and software, monitoring software has online real-time monitoring and historical data reading, consulting, saving, report and other functions.
- Equip with rechargeable lithium battery, convenient to use.

TECHNICAL SPECIFICATION

Power Supply	DC 3.7V, 2500mAh rechargeable battery, full battery power approx. 4.2V
Display Mode	3.5 inch colorful touch LCD screen; display area: 71mm x 53mm
CT Caliber	80mm x 80mm
Current Range	AC 0.00mA ~ 1000A
Min Resolution	0.01mA
MAX. Accuracy	± 0.5 % ± 5dgt
Frequency Range	10Hz ~ 1000Hz
Operation Mode	Simultaneously have intelligent touch and button control mode
Host Dimension	198mm x 100mm x 45mm
CT Size	194mm x 145mm x 40mm
Sampling Rate	2 times/sec
Data Storage	200 groups
Date & Time	With date and clock setting function
Sample Serial Number	With test point serial number setting function
Automatic Shutdown	With automatic shutdown or not setting function, default 5 minutes after power on will automatic shutdown.
USB Interface	With USB interface to import storage data into the computer
Alarm Settings	Alarm threshold setting range: 10mA ~ 99.99A
Alarm Indication	When the test value exceeds the alarm threshold, the LCD flashes and the buzzer sounds
Line Voltage	Circuit line test below AC 600V
Overflow Display	Exceed measure range overflow function: "OL" symbol display
Battery Voltage	The host battery has 4 bars for battery power display. When only 1 bar or 0 bar, please charge in time

Guangdong ETCR Electronic Technology Co.,Ltd

10th F, U-5, Liandong Intelligent Manufacture Park,
No. 105, Shilong N. Road, Nanhai, Foshan, China

Tel: (86-757)66860936
info@etcr.net
www.etcrmeter.com

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

ETCR METER®
GUANGDONG ETCR ELECTRONIC TECHNOLOGY CO.,LTD.

Rated Current	Max 180mA
Lead Cable Length	Clamp current sensor lead cable length 2m
Weight	Approx. 2.93kg (include accessories)
Accessories	Host*1PC; Clamp current sensor*1PC; USB communication / Charge cable*1PC; Power adapter*1PC; Case*1PC

Guangdong ETCR Electronic Technology Co.,Ltd
10th F, U-5, Liandong Intelligent Manufacture Park,
No. 105, Shilong N. Road, Nanhai, Foshan, China
Tel: (86-757)66860936
info@etcr.net
www.etcrmeter.com

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