



### Product Function

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

### Product Features

1. It is mainly used for leakage current test of iron core and clamps of transformer, reactor and other electrical equipment. It can discover the latent faults of transformer in time, and is the main tool to ensure the safe operation and normal maintenance of transformer.
2. Adopts 3.5 inch color touch screen, real-time display the measured current value and waveform, convenient to operation.
3. 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.
4. 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.
5. Alarm function, data storage function, time setting function, serial number setting function.
6. With RS232 interface, communication cable and software, monitoring software has online real-time monitoring and historical data reading, consulting, saving, report and other functions.

### Technical Specification

<b>Model</b>	EM8100B
<b>Power Supply</b>	DC 9V alkaline dry battery LR6 1.5VX6
<b>CT Caliber</b>	80mmX80mm
<b>Current Range</b>	AC 0.00mA~100A
<b>Min Resolution</b>	0.01mA
<b>Accuracy</b>	±1.5%±3dgt
<b>Frequency Range</b>	10HZ~1000HZ
<b>Display Mode</b>	3.5 inch color touch LCD screen (320dots X 240dots); display area: 71mm X53mm
<b>Operation Mode</b>	Simultaneously have intelligent touch and button control mode
<b>Host Dimension</b>	198mmX100mmX45mm
<b>CT Size</b>	194mmX145mmX40mm
<b>Weight</b>	1230g (with battery)
<b>Sampling Rate</b>	2 times / second
<b>Data Storage</b>	200 groups (Power down and replace the battery will not lose the data)
<b>Date and Clock</b>	With date and clock setting function
<b>Sample Serial Number</b>	With test point serial number setting function
<b>Automatic Shutdown</b>	With automatic shutdown or not setting function, default 5 minutes after power on will automatic shutdown.
<b>USB Interface</b>	With USB interface to import storage data into the computer
<b>Alarm Settings</b>	Alarm threshold setting range: 10mA ~ 99.99A
<b>Alarm Indication</b>	When the test value exceeds the alarm threshold, the LCD flashes and the buzzer sounds
<b>Line Voltage</b>	Below AC 600V circuit measurement
<b>Overflow Display</b>	Exceed measure range overflow function: "OL" symbol display
<b>Battery Voltage</b>	When the battery voltage lower than 7.2V ± 0.1V, low battery voltage symbol display, and remind to replace the battery
<b>Rated Current</b>	Max 180mA
<b>Lead Cable Length</b>	Current clamp lead cable length 2M
<b>Accessories</b>	Host: 1PCS; Current Clamp: 1PCS; USB communication cable: 1PCS; Alkaline dry battery LR6 1.5V: 6PCS; Aluminum case: 1PCS