

## Product Function

Measure three-phase AC voltage, leakage current, current, active power, reactive power, apparent power, total power, phase between current and voltage, phase between phase voltage, frequency, electric energy, phase sequence, etc.

## Product Features

1. Distinguish wiring group, inductive circuit and capacitive circuit of transformer, read out the phase relationship between CT of each group of differential protection, check whether the wiring of the electricity meter is correct or not, overhaul the circuit equipment, etc.
2. Large caliber 80mm×80mm (can clamp φ80mm cable or 96mm×4mm steel flat ground cable), convenient to use.
3. Data storage function.
4. With RS232 interface, upload the storage data to the computer through the system software, convenient to reading, saving, printing and so on.



## Technical Specification

<b>Model</b>	<b>EM7100D</b>
<b>Range</b>	DC: 0.0A~2000A AC: 0.0A~1000A
<b>Resolution</b>	0.1A DC/AC
<b>Accuracy (Reference condition)</b>	0.0A~999A: ±2%rdg±5dgt 1000A~1499A: ±3%rdg±5dgt 1500A~2000A: ±4%rdg±5dgt
<b>Power Supply</b>	DC 6V alkaline dry batteries (LR6 1.5VX4PCS)
<b>Weight</b>	1540g (include battery)
<b>Meter Dimension</b>	350mmX180mmX55mm
<b>CT Size</b>	108mmX148mm (can clamp φ108mm cable or 160mmX4mm flat cable or steel flat ground cable)
<b>LCD Size</b>	47mmX28.5mm
<b>Sampling Rate</b>	2 times/second
<b>Frequency Response</b>	AC: 45Hz~400Hz
<b>USB Interface</b>	With USB interface, storage data can be uploaded to computer, software monitoring, USB cable length: 1.5m
<b>Data Storage</b>	99 groups, flash display "FULL" symbol indicate storage full
<b>Peak Hold</b>	Peak value capture and hold function, long press HOLD key display peak value.
<b>Data Hold</b>	Data hold function: "HOLD" symbol display
<b>Overflow Display</b>	Exceed measure range overflow function: "OL" symbol display
<b>Polarity Indication</b>	In DC current test auto identified and display"—" symbol
<b>Auto Shut Down</b>	5 Minutes after power on, it will shut down automatically without any operation to reduce the power consumption.
<b>Battery Voltage</b>	While battery voltage is lower than 4.6V low battery voltage symbol "⚡" display, remind to replace the battery
<b>Working Current</b>	20mA
<b>Line Voltage</b>	Below AC 600V circuit measurement
<b>Shift</b>	Automatic
<b>Accessories</b>	Meter: 1PCS; USB special communication cable: 1PCS; 1PCS; Meter Case: 1PCS; LR6 battery: 4PCS