



Product Function

At the same time online monitoring and recording 1~3 channel ac current, used for circuit insulation fault troubleshooting, monitoring intermittent leakage fault, check the happen time of insulation fault and maintenance lines, etc.

Product Features

1. Flexible coil without any exposed metal conductor, non-contact measurement, safe and reliable. Small size, light weight, soft and flexible, suitable for narrow environment and flat cable densely places, as well as measuring conductor current of large size or irregular shape.
2. The host can equip with 1~3 current clamp, the user chooses purchasing according to the demand.
3. With the rechargeable lithium battery, long duration, power save mode continues working about 168 hours, replace battery will not lose the data
4. System clock function. Data storage function, large storage space for 12000 groups
5. Equip with USB interface, online real-time monitoring and historical data reading, review, saving, reporting, etc.

Technical Specification

Model	EM8300F	
Range	AC 0.00A~20.00kA	
Resolution	AC 10mA	
Accuracy	±2%rdg±5dgt	
Power Supply	Rechargeable lithium battery DC3.7V, 2600mAh	
Test Method	Flexible CT: The output signal is the differential of current with respect to time. By integrating the output voltage signal, the input current can be truly restored.	
Flexible Current Clamp Caliber	φ50mm~φ1500mm (Can be chosen and customized according to customer requirements)	
Flexible Current Clamp	1~3PCS	
Current Clamp Lead Cable Length	2M	
Flexible Coil Diameter	φ7.5mm	
Host Dimension	78mmX165mmX42mm	
Host Weight	293g (with battery)	
LCD Size	Display area: 44mmX27mm; LCD: 128dotsX64dots	
Electric Field Interference	No hysteresis effect, strong anti-interference ability	
Position Error	The tested conductor wire should try to be in the center of the flexible coil	
Sampling Rate	2 times / sec	
Data Storage	200,000 groups (Power down or replace battery will not lose the data)	
Record Period	Set the record interval time within 1 second ~ 99 minutes, 0 seconds is not automatically stored.	
Record Time	can continues recording 55 hours	
	can continues recording 23 days (External power supply)	
	can continues recording 138 days (External power supply)	
Download Speed	60KB/Min	
Overflow Display	Exceed measure range overflow function: "OL" symbol display	



Battery Voltage	Battery power real-time display, low battery voltage will remind to replace the battery.
Rated Current	In power save mode about 5mA, Max about 35mA
Line Voltage	Below AC600V circuit measurement
Accessories	Host: 1PCS; Flexible coil: 1PCS; USB communication cable: 1PCS; Power adapter: 1PCS; Cloth bag: 1PCS