

Power frequency magnetic field generator

PMF-801CT 【Introduction】

The PMF-801CT power frequency magnetic field generator meets the requirements for power frequency magnetic field immunity test generators specified in IEC 61000-4-8 and GB/T 17626.8-2006 standards, covering the test requirements stipulated in the standards. With different coils, it can meet various testing needs.

Compliance Standards

IEC 61000-4-8 、 EN 61000-4-8 、 GB/T 17626.8

Application Fields

Electricity, railway, communication, home appliances, medical electronics, industrial control.

Technical Features

- ◆ Cabinet-style design for aesthetics and convenience;
- ◆ Advanced coil technology allows for expansion to other test projects, with professional material selection;
- ◆ Meets the requirement of magnetic field distortion rate being less than 5%;
- ◆ Capable of achieving continuous testing at 400 A/m and short-term testing at 1200 A/m.

Parameter List

Specification Model	PMF-801CT+SC-300/PMF-801C-F	PMF-801CT+SC-1000
Type of Interference	Continuous Interference	
Type of Interference	1-100 A/m continuous	1 ~ 400 A/m continuous
Current Waveform	50 Hz/60 Hz sine wave	
Waveform Interval Time	1 ~ 9999 s	

Test Duration	1 ~ 9999 s	
Type of Interference	101 ~ 300 A/m(1 s ~ 20 s) 301 ~ 1000 A/m(1 s ~ 5 s)	101 ~ 1200 A/m(3 s ~ 3600 s)
Current Waveform	50 Hz/60 Hz sine wave	
General Parameters		
Power Supply	AC 85 V ~ 264 V 50/60 Hz 120 W	
Display Interface	LCD Touch Screen Display	
Dimensions	19"22 U Cabinet	
Instrument Weight	50 kg	
Temperature	15°C~ 35°C (Operating Conditions)	
Humidity	30% ~ 60%(Operating Conditions)	
Atmospheric Pressure	86 kPa ~ 106 kPa	
Standard Accessories	The main unit, test cable, power cable, fuse, test report, and user manual.	
Optional Accessories		
Power Frequency Magnetic Field Coil	SC-300, SC-1000, PMF-801C-F	