

Power Frequency Magnetic field Coil

TCXS111



As per

- > IEC61000-4-8
- > IEC61000-4-9
- > IEC61000-4-10
- > GB/T17626.8

Description

Magnetic coil is designed to conduct magnetic field immunity test of electrical and electronic products with high reliability as per IEC61000-4-8, IEC61000-4-9, IEC61000-4-10, GB/T17626.8, GB/T17215-2002 and GB/T15283-94. It can offer accurate reference for EUT during power frequency magnetic field immunity test. Power frequency magnetic field test is mainly to simulate the magnetic environment in residence, commercial and industrial district, power station, and low and high substation.

Features

- > 360° rotation during test
- > Coil height can be adjusted to up and down
- > Good stability of output magnetic field strength
- > Aluminum profile support structure

Industries

- | | |
|-----------------|----------------------|
| > Communication | > Technology |
| > Telecom | > Military |
| > Medical | > Avionics |
| > Broadcast | > New energy |
| > Railway | > Electrical Vehicle |

Technical parameters	
Magnetic strength	1A/m~400A/m
	1.25 μ T~503 μ T
Magnetic direction	90 ∇ 180 $^{\circ}$
Test duration	\leq 100A/m, continuous operating 5 hours
	$>$ 100A/m, $<$ 10 S
Number of turns	Single-turn
Overall coil size	1400 \times 1000mm, height of the coil adjustable: 500mm
Coil size	1000*1000mm Length*Width
Temperature	15-55 $^{\circ}$ C
Dimension	1500x1250x200mm
Weight	Approx. 10kg



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