



Magnetic Field Coil

TCXS 111

IEC 61000-4-8

■ IEC 61000-4-9

■ IEC 61000-4-10

■ GB/T 17626.8

GB/T 17215

■ GB/T 15283

Features

- > Coil field direction adjustable via 360° rotation in test
- > Vertical height adjustable
- > Stable output magnetic field strength
- > Aluminum profile bracket structural design

Introduction

The magnetic field coil TCXS 111 complies with IEC 61000-4-8, -4-9, -4-10 and GB/T 17626.8, GB/T 17215 and GB/T 15283.

The TCXS 111 provides accurate reference for power-frequency magnetic field immunity tests of EUTs. Power-frequency magnetic field tests simulate magnetic environments in residential, commercial, industrial, power plant areas, as well as medium- and high-voltage substations.

Application Areas



**Technical
Parameters**

Magnetic Field Strength	1 A/m ~ 400 A/m
	1.26 μ T ~ 503 μ T
Magnetic Field Direction	90°/180°
Test Duration	$\leq$ 100 A/m: duration 5 h
	$\geq$ 100 A/m: duration < 10 s
Coil Turn	Single
Overall Coil Dimensions	1,400 (L)* 1,000 (W) mm, Coil height adjustment travel: 500 mm
Coil Size	1,000 (L)* 1,000 (W) mm, Single turn
Ambient Temperature	15°C ~ 35°C
Dimension	1,500* 1,250* 200 mm
Weight	Approx.10 kg

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