



Magnetic Field Coil

TCXS115400



Features

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

- > During testing, the direction of the coil magnetic field can be adjusted by rotating 360 °
- > The height can be adjusted up and down
- > Good stability of output magnetic field strength
- > Structural Design of Aluminum Profile Support

Introduction

The TCXS115400 magnetic field coil is a high reliability testing coil specially designed for the characteristics and requirements of magnetic field immunity testing of electrical and electronic products. The coil meets the requirements of IEC61000-4-8 and GB/T17626.8.

Application Areas



Communication



Medical



Railway




Vehicles

Technical Parameters

Magnetic Field Intensity	1 A/m - 4000 A/m
Current Distortion Rate	<8%
Test Duration	1 A/m - 1000 A/m (1s - 28800s) ; >1000 A/m (1s - 60s)
Trigger Method	Automatic, manual, external triggering
Shape of Magnetic Field Coil	Rectangle
Number of Turns of Magnetic Field Coil	180 turns
DC Resistance of Magnetic Field Coil	$\leq 2 \Omega$
Coil Factor	127.5
Coil Size	1000 × 1500 mm (length × width)
Overall Coil Size	1830 × 1060 × 420 mm (length × width × height)
Packaging Size	2200 × 800 × 1450 mm (length × width × height)
Weight	About 260 kg

Optional Host

DC Magnetic Field Interference Simulator	Model: MFS 1000D	
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