



Magnetic Field Coil

TCXS 115400



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

Features

- > 360° adjustable magnetic field direction during testing;
- > Adjustable vertical height;
- > Stable output magnetic field strength;
- > Aluminum profile bracket structural

Introduction

The TCXS 115400 magnetic field coil complies with relevant requirements of IEC 61000-4-8 and GB/T 17626.8. It is a high-reliability test coil specially designed for magnetic immunity test of electrical and electronic products.

Application Areas



Technical Parameters

Magnetic Field Strength	1 A/m ~ 4,000 A/m
Current Distortion Rate	< 8%
Test Duration	1 A/m ~ 1000 A/m (1 s ~ 28800 s); > 1000 A/m (1 s ~ 60 s)
Trigger Mode	Automatic, manual, external trigger
Magnetic Field Coil Shape	Rectangle
Magnetic Field Coil Turns	180 turns
DC Resistor of Magnetic Field Coil	$\leq 2 \Omega$
Coil Factor	127.5
Coil Dimension	1,000 mm (L)*1,500 mm (W)
Overall Coil Dimension	1,830 mm (L)*1,060 mm (W)*420 mm (H)
Package Dimension	2,200 mm (L)*800 mm (W)*1,450 mm (H)
Weight	Approx. 260 kg

Optional Accessories

1	DC Magnetic Field Disturbance Simulator	Model: MFS 1000D	
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