



DC/ AC Magnetic Field Coil

TCXS 1153

- IEC 61000-4-8
- EN 50121-5
- GB/T 17626.8

Features

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

Introduction

The TCXS 1153 DC/ AC magnetic field coil complies with relevant requirements of IEC 61000-4-8, and EN 50121-5.

TCXS 1153 is a high-reliability test coil specially designed for magnetic immunity test of electrical and electronic products. It can also simulate magnetic field conditions in residential areas, commercial environments, industrial plants, power plants, and medium- and high-voltage substations.

Application Areas



Technical Parameters

Magnetic Field Strength	1 A/m ~ 1,000 A/m
Output Frequency	0 Hz ~ 60 Hz (can adjust continuously)
Current Distortion Rate	<5%
Test Duration	1 A/m ~ 400 A/m (1 s ~ 28800 s) ; 401 A/m ~ 1,000 A/m (1 s ~ 10 s)
Trigger Mode	Automatic, manual
Magnetic Field Coil Dimension	1 m (L)*1 m (W), multi-turn
Overall Coil Dimension	1,320 mm (L)*1,050 mm (W)*360 mm (H)
Coil Dimension	1,720 mm (L)*650 mm (W)*1,450 mm (H) vertical placement adjustable coil height
Package Dimension	1,700 mm (L)*650 mm (W)*1,450 mm (H)
Weight	Approx. 92.5 kg

Standard Accessories

10 Ω Resistance Box, 2.2 Ω Resistance Box, Test Cable

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