

Magnetic Field Coil

TFX 180



■ IEC/EN 61000-4-8

■ EN 50121-4

■ GB/T 17626.8

■ GB/T 17215

Features

- > 0° ~ 90° adjustable magnetic field direction during testing
- > Vertically adjustable height
- > Magnetic field frequency 0 ~ 60 Hz
- > Stable output magnetic field strength
- > Aluminum profile support structure

Introduction

The TFX180 Magnetic Field Coil is a highly reliable test coil specially designed for magnetic field immunity testing of electrical and electronic products. It complies with the relevant requirements of IEC 61000-4-8 and GB/T 17626.8.

The TFX180 coil provides a reliable test reference for EUT during power frequency magnetic field immunity testing. Combined with the MFS 800AP Variable Frequency Magnetic Field Immunity Simulator, it can simulate magnetic field environments found in residential areas, commercial areas, industrial facilities, power plants, and medium/high-voltage substations.

Application Areas



**Technical
Parameters**

Magnetic Field Strength	0 A/m ~ 800 A/m, 1.26 μ T ~ 1,008 μ T
Magnetic Field Direction	0° ~ 90°
Test Duration	Support continuous operation
Magnetic Field Frequency	0 ~ 60 Hz

**General
Parameters**

Overall dimension	1,800 (L) * 700 (W) * 1,600 (H) mm, adjustable height
Coil dimension	1,000 * 1,000 mm
Ambient temperature	15°C ~ 35°C
Package dimension	2,000 (L) * 700 (W) * 1,600 (H) mm
Weight	Approx. 90 kg

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