



AC/DC Magnetic Field Coil

TCXS1153

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

— Features

- > 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

AC/DC 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, GB/T17626.8, and EN 50121-5. Provide an accurate basis for the anti-interference test of the tested equipment in the power frequency magnetic field. Power frequency magnetic field testing mainly simulates the magnetic field environment of residential areas, commercial districts, industrial and mining enterprises, power plants, as well as medium and high voltage substations.

— Application Areas



Communication

Medical

Railway

Vehicles

Technical Parameters

Magnetic Field Intensity	1 A/m -1000 A/m
Output Frequency	0-60 Hz continuously adjustable
Current Distortion Rate	<5%
Test Duration	1 A/m - 400 A/m (1 s-28800 s) ; 401 A/m-1000 A/m (1 s-10 s)
Trigger Method	Automatic and manual
Size of Magnetic Field Coil	1 m × 1 m, multiple turns
Overall Coil Size	1320 × 1050 × 360 mm (length × width × height)
Coil Size	1720 × 650 × 1450 mm (length × width × height) (coil vertically placed), Adjustable coil height (manual)
Packaging Size	1700 × 650 × 1450 mm (length × width × height)
Weight	About 92.5 kg

Standard Accessories

10 Ω Resistor Box, 2.2 Ω Resistor Box, Test Line.

SUZHOU3CTEST ELECTRONIC CO., LTD

Address: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China

Sales Email: globalsales@3ctest.cn Service Email: service@3ctest.cn

Tel: + 86 - 512 - 68077192 Web: www.3c-test.com

