



# Helmholtz coil

## TYXH06200

■ ISO 11452-8

### — Features

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- > Large experimental area
- > Good magnetic field uniformity
- > Meet the requirements of various standards for magnetic field sensitivity testing at 500 kHz and below

### — Introduction

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The TYXH06200 Helmholtz coils is designed to generating DC and alternating magnetic field (together with suitable signal source and compensation network) as per ISO 11452-8. With features of large testing range and good magnetic field uniform, TYXH 06200 can meet testing requirement of the magnetic field sensitivity under 500 kHz specified in kinds of standards. It can be used widely in EMC conductive sensitivity (immunity) test.

## Technical Parameters

Total number of gates	32 (16×2)
Maximum coil current	55 A, 5 min
Nominal current	33 A, continuous
Maximum magnetic field strength	2100 A/m@55 A,5 min
Nominal magnetic field strength	1260 A/m @33 A, continuous
Coil factor	31.6 dB A/m
Coil diameter	600 mm
Frequency range	DC-500 kHz
Coil Total Inductance	≤ 820 μH
DC Resistor	≤ 0.15 Ω
Interface Type	4 mm Banana plug

## General Parameters

Weight	About 38 kg
Ambient temperature	0~65 °C

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