

Magnetic Field Coils – TCXS, TYX Series

Datasheet



TYX 130



TCXSD 05370



TCXS 1125



TCXS 2250



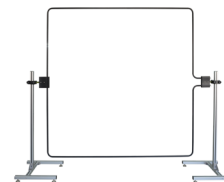
TCXS 25151



TCXS 111



TCXS 113



TCXS 221

Introduction

Magnetic Field Coils – TCXS, TYX Series are designed according to IEC 61000-4-8 and GB/T 17626.8 to constitute the power frequency magnetic field immunity testing system together corresponding wave generators.

Features

- 360° rotatable during the tests;
- Adjustable coil height;
- Stable output magnetic field strength;
- Solid aluminum-alloy structure;

Application Areas

- IT,
- Telecom,
- Medical,
- TV broadcasting,
- Railway,
- Military,
- Avionics,
- New energy,
- New energy automotive,

Name	Magnetic Strength	Field Frequency	Magnetic Direction	Test Duration	Coil Size
TCXSD 05370	159-40000 A/m 200 μ T - 50400 μ T	50 Hz	90° / 180°	$\leq$ 8000 A/m, continuous for 8 hours >8000 A/m, $\leq$ 10S	ϕ 500 mm
TCXS 1125	1 A/m-1200A /m 1.26 μ T - 1512 μ T	50 Hz	90°/ 180°	$\leq$ 400 A/m continuous for 8 hours; >400 A/m, $\leq$ 10S	1320 x 180 x 1040 mm (L x W x H)
TCXS 2250	1 A/m-1000 A/m 1.26 μ T - 1260 μ T	50 Hz	90°/ 180°	$\leq$ 400 A/m continuous for 8 hours; >400 A/m, $\leq$ 10S	2340 x 2060 x 300 mm (L x W x H)
TCXS 25151	1 A/m-50 A/m 1.26 μ T - 63 μ T	50 Hz	90° / 180°	$\leq$ 50A/m continuous for 8 hours;	2500 x 1500 mm (L x W)
TCXS 111	1 A/m - 400 A/m 1.26 μ T - 504 μ T	50 Hz	90° / 180°	$\leq$ 100 A/m, continuous for 5 hours; >100 A/m, $\leq$ 10 S	1000 × 1000 mm (L x W)
TCXS 113	1 A/m - 1200 A/m 1.26 μ T - 1512 μ T	50 Hz	90° / 180	$\leq$ 400 A/m, continuous for 5 hours; >400 A/m, $\leq$ 10S	1000 × 1000 mm (L x W)
TCXS 221	1 A/m - 200 A/m 1.26 μ T - 252 μ T	50 Hz	90° / 180	$\leq$ 100 A/m, continuous for 5 hours; > 100 A/m, $\leq$ 10S	2800 x 2000 mm (L x W)



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