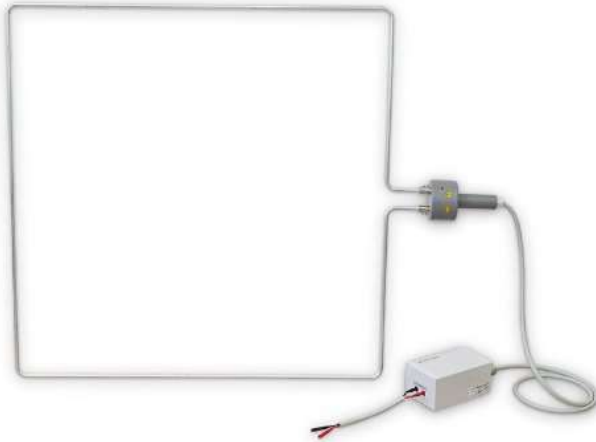


MSURGE-A

Magnetic field test in accordance with IEC61000-4-9



- Plug and play capability with the AXOS series test unit
- Automatically controlled test routines via AXOS unit
- Includes 1m x 1m coil for magnetic field generation
- Easy to use control from AXOS guarantees quick and accurate testing

The MSURGE-A is used for EMC Tests requiring impulse [Magnetic Fields](#). It can be used with the AXOS series of test systems. It enables magnetic field testing up to 3000 A/m as required by [IEC 61000-4-9](#).

The MSURGE-A has a 1m x 1m square, single turn antenna. It is a Pulse Magnetic Field Antenna and is a plug-and-play EMC antenna compatible with either the [AXOS 5](#) or [AXOS 8](#) to perform pulse magnetic field tests according to [IEC/EN 61000-4-9](#). The MSURGE-A is easy to use control from the AXOS models and guarantees quick and accurate testing..

Magnetic field strength is defined at the centre of a coil with ± 3 dB variation. Magnetic field is orthogonal to the coil plane. Coil dimensions define the maximum EUT size as being 0.6m x 0.6m x 0.5m. The MSURGE-A can be used for both vertical and horizontal plane testing, by simply rotating the coil antenna in its mounting on the (optional) stand.

Specification

Construction	Rigid aluminium frame with casters
# of turns	1
Dimensions	Coil Size: 1 x 1 m, Homogeneous field volume: 60 x 60 x 50 cm
Stand & Antenna Weight	46kg
Maximum EUT Size	0.6m x 0.6m x 0.5m



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