

ANECHOIC CHAMBER 3

Description:

Semi anechoic chamber for carrying out radiated interference emission and immunity measurements Used for small and medium-sized industrial equipment (usable test volume: cylinder 1.5 m in diameter and 2 m height from ground) and tests on electronic sub-assemblies with medium interference immunity requirements.

Technical data:

Semi anechoic chamber with 3 m measuring distance

2 m turntable with max. 2 t load capacity

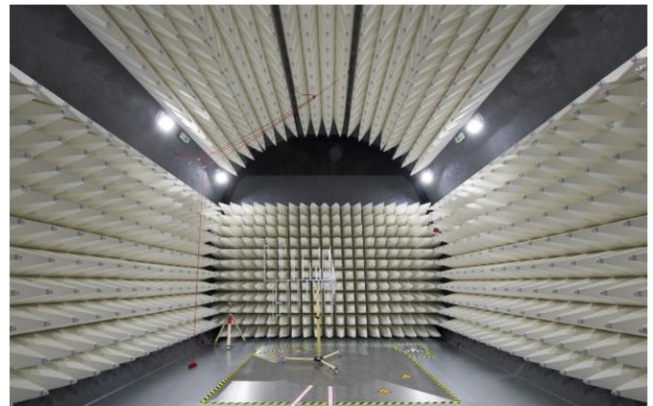
Useful frequency range from 9 kHz to 18 GHz

High-frequency amplifier performance:

- 80...1000MHz up to 1 kW
- 1000...6000 MHz up to 500 W
- 6000...8000 MHz up to 50 W

AC-Supply up to 63 A, 400 V AC
 DC-Supply up to 40 kW (1000 V, 100 A) sources
 HV-filter: 1000 V DC, bis 2 x 300 A

Media compressed air, cooling water



Emission measurements according to standards / norms, such as:

- EN 55011 (CISPR 11) Radio interference of industrial, scientific and medical equipment
- EN 55016 (CISPR 16) Measurement of high-frequency interference emission (radio interference) and immunity
- EN 55032 (CISPR 32) Requirements for the interference emission of multimedia devices
- EN 55025 (CISPR 25) Vehicles - Radio interference characteristics - Protection of on-board receivers, including shielded high-voltage systems

Immunity tests according to standards / norms, such as:

- EN 61000-4-3 Immunity to high-frequency electromagnetic fields up to 30 V/m between 80...6000 MHz, 1.5 m x 1.5 m UFA
- ISO 11452-2 Test methods for components – Anechoic chamber
- ISO 11452-9 Test methods for components - Portable transmitters

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