

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 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

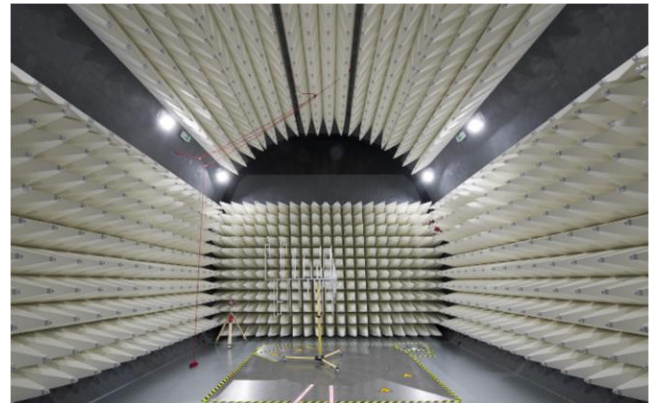
Useful frequency range from 9 kHz to 18 GHz

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 |

