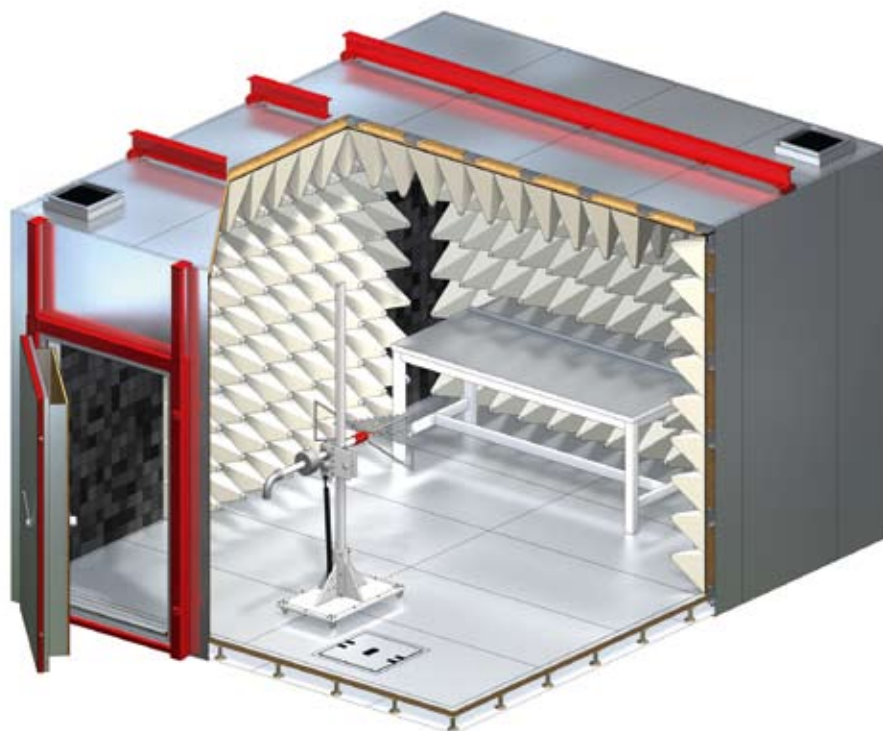


AUTOMOTIVE COMPONENT TESTING CHAMBER – ACTC

Anechoic chamber for testing of automotive components

Short Description

The ACTC was developed especially for radiation testing of automotive components according to the standard DIN/ISO 11452-2 and EN 55025 (CISPR 25) and adjusted in all details to this objective. The chamber is lined with ferrite absorbers and approximately up to the middle of the chamber with additional hybrid absorbers. In the standard version the floor of the chamber consists of a normal false floor. As an option this version can be delivered with an additional ground plane or with floor absorbers. The standard version of the ACTC is qualified for measurements in the frequency range from 30 MHz to at least 18 GHz. A (plug-in) contact-strip, to be permanently installed between the absorbers for assuring the electric contact of the ground plane of the testing table to the shielding panels, is available as standard as well as the testing table itself.



Technical specifications

External dimensions (L x W x H)	6,380 mm x 5,480 mm x 3,750 mm (min. height 3,450 mm possible acc. to standards)
Frequency range	30 MHz to 18 GHz
Measuring distance	1.0 m
Absorber lining	
Walls and ceiling	Ferrite absorbers, type F006 + approximately up to the middle of the chamber, hybrid absorbers, type H450
Floor	Optional
Emission measurements	According to EN 55025 / CISPR 25 (ALSE requirements, performance of absorption material min ≥ 6 dB)
Immunity tests	According to DIN/ISO 11452-2 (reduction of reflections in the test area min. -10 dB)

Standard Equipment

- 1 access door, 1.238 x 2.118 mm
- 4 honeycomb inserts for ventilation
- 1 mains filter, 250 VAC, 2 x 32 A
- 2 penetration panels
- Feed-throughs: 6 x "N", 6 x "BNC" and 4 x for fibre optics
- Electric installation with illumination
- Contact-strip and testing table
- Raised floor
- Absorber lining

Options

- 3 phase mains filter
- Signal and / or data line filter
- Fan
- Antenna tripod
- Video and / or audio system
- Floor ground-plane
- Non-combustible hybrid absorbers
- Floor absorbers
- Measuring equipment
- Other extras