

MIL COMPACT HYBRID CHAMBER – MIL-CHC

Anechoic chamber for testing acc. to MIL-STD 461E

Short Description

The MIL-CHC has been designed to fulfill the requirements for radiated emission and immunity testing acc. to MIL-STD 461E. The below specified standard dimensions of the chamber are suitable for a width of the testing table up to 3.0 m. Bigger dimensions are available on request. The standard version does already include the contact strip for the ground-plane of the testing table as well as the testing table itself.



Contact strip



Test table



Technical specifications

External dimensions (L x W x H)	4,880 mm x 4,880 mm x 3,000 mm
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 MIL-STD 461E
Immunity tests	According to MIL-STD 461E
Absorption at normal incidence	
80 MHz-200 MHz	≥6 dB
above 200 MHz	≥10 dB

Standard Equipment

- 1 access door, 1.013 x 2.043 mm
- 2 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 2 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
- Non-combustible absorbers
- Other extras