



**Emctest Tecnologia Eletronica e
Telecomunicação Ltda**
Rua Aragonita 2320
8821000 - BOMBINHAS (SC) Brasil
Tel.+55 47 33933377 Tel.+39 3200470064
Fax +39 0541 1641013
emctest.technologies@gmail.com
www.emctest.com.br

Reverberation Tent Chamber: Mod.RTCH

The EMCTEST's Vibrating Tent Reverberation Chamber: RTCH is the last up-to-date performing and improved solution than conventional reverberation chambers for testing medium and big size object. It is based on a vibrating Nickel metalized tent Faraday cage structure. It was developed for military testing of avionic parts. The unique continuous mode stirring is obtained thanks at a vibrating tent with pneumatic devices at variable oscillation from 5Hz up to 30Hz. The unit provide a good accuracy of the measurements even in low frequency bands up to microwave. This new operating system reduce dramatically measurements time replacing traditional measurements in antenna far-field range using anechoic chamber or conventional reverberation chambers. The RTCH are particularly well suited for High level immunity test and MIMO interference evaluations.



Key Features

- Engineered and completely manufactured in Europe.
- Ruggedized light weight mechanical structure easy to assembly
- Unique compact design.
- Good shielding effectiveness.
- Reduced measuring times
- Transparent, shielded window in door
- Halogen light illuminates DUT inside chamber
- Excellent quality at Low cost
- Customize size tailored and adaptable on demand



Technical Panel

- N.1 Feed-thru "N" connector
- N.2 Feed-thru "SMA" connectors
- N.1 Feed-thru fibre optic penetration for 1 couple.
- Customized options available on demand

Options

- Ridge Horn antennas 0,9-18GHz integrated
- Low impact Triaxial isotropic sensor up to 9GHz

Other products by Emctest Ltda:

- TEM cells, TEM and Stripline cells, Helmholtz coils,
- Hi power measurements antennas, wave guide
- Modular Shielded, semi-anechoic and conventional reverberation chambers.
- Reverberation tents. Coaxial - triaxial cells,
- Customized RF equipments for EMC - EMI tests.



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