The EMCTEST's Vibrating Tent Reverberation Chamber: RTCH is the last up-to-dated 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
Customizez 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.