RF CHAMBER

Model Name: RI RF CHAMBER

Features:

- Fully Customizable Shielded RF Chamber
- User Defined I/O Connector
- Tight Locking and Gasket System
- Shielded door of Beryllium copper finger stocks should be provided on frame to avoid leakages.
- Powered by AC / DC Power Filter Lines.
- Honeycomb Ventilation for Cooling.
- With or Without Absorber.
- Earthing: Anechoic chamber should be suitably earthed. Earthing less than 2 ohm.

An anechoic chamber is used to shield the equipment from extraneous radio signals. To minimize the unwanted reflections, special RF absorbing materials are used to cover the interior walls of the chamber.
Shielding the test environment from outside interference along with minimal wave reflection off the walls, in effect simulates being inside an infinitely large room and enables accurate repeatable measurements.

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Anechoic chambers can range in size from a table top enclosure to a typical room, where engineers can walk in and work, to a space as large as an aircraft hanger.
The inside surfaces of anechoic chambers are often covered with foam pyramids loaded with conductive carbon. The tapered structure of the pyramids transitions the radio waves from the air to the lossy carbon employed in the pyramids with minimal wave reflection.

Specification:

- Size : Customise.
- Frequency Range : 1 – 40 GHz
- Isolation: >=100dB
- User defined I / O : Filtered USB 2.0 / 3.0
  AC power line : 64Amp / 32 Amp
  RF Ports : SMA , N Type , BNC
  Fiber Optic: ST , Wave guide
  Data : DB-9 , DB-15 , DB-25 , RJ45

Application:

- Ideal for 802.11a , b, g, n, ac.
- Bluetooth , Wi-Fi , 4G , 5G Device Testing , RFID Device Testing ,
- R & D

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