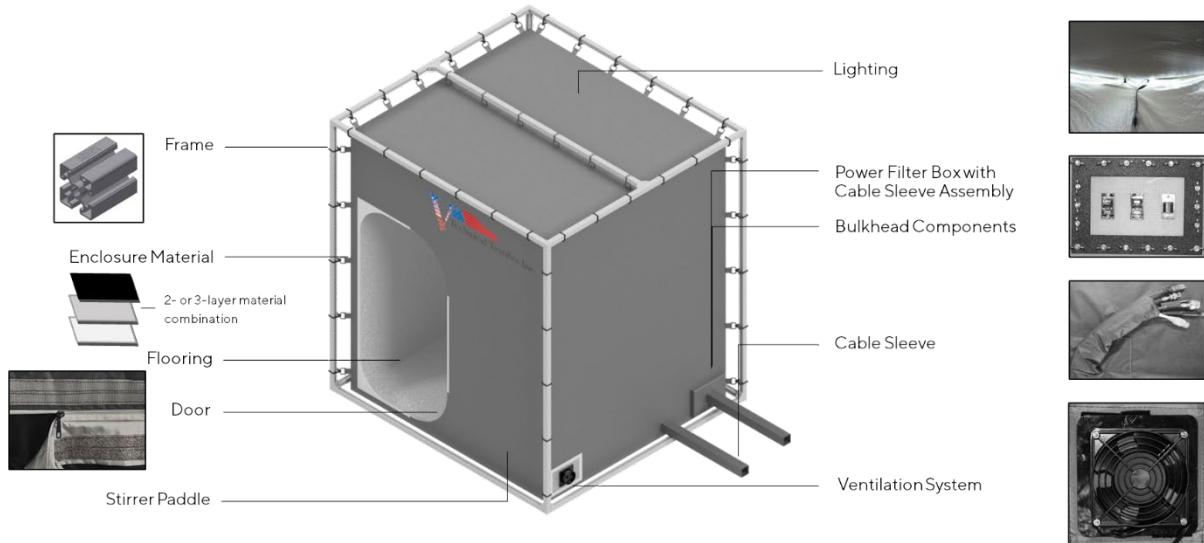


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Technical Application Guide

9000 Series - Reverberation Enclosure / Chamber



V Technical Textiles, Inc. 9000 Series Portable RF Shielded Reverberation Enclosures are the best high-performance RF shielding structures. The 9000 Series is designed as a premium, highly durable, cost-effective alternative to conventional brick-and-mortar Reverberation Chambers. The 9000 series is designed for improved performance in the microwave frequency range.

General Information

VTT's enclosures are available with many valuable options such as waveguides, ventilation, power panels, filter boxes, and frames.

VTT's Reverberation Chamber can be custom fabricated to any size or configuration the customer may need.

VTT's 9000 Series Reverberation Enclosures are **Clean Room compatible** to A300 (ISO6). Used by NASA.

Portable Metalized Fabric Stirrer Paddle which ensures all surfaces of the Device under test are subjected to a homogenous field.



Technical Specification

Material

3-layer Shieldex® Nora Dell RS CR, Shieldex® Zell RS and Shieldex® Berlin RS

Door

Double door with conductive zipper and Velcro® closure

Included

Enclosure
Cable Sleeve
Door
Stirrer

Optional (more options available)

Floor
Power Panels
Ventilation
Filter Boxes
Frame
Lighting
Lift-Wall



Shielding Effectiveness

Average 95 dB from 0.03 GHz to 18 GHz

Abrasion Resistance fabric

1,000,000 cycles to electrical performance breakdown

Internal Surface Conductivity

$0.009\Omega/\square$

Applications

RF Shielding chamber for:

- Wi-Fi
- Bluetooth
- EMC test labs
- Aerospace
- Automotive Equipment
- In-Situ testing for high-level radiated RF immunity

Clean Room compliant. DO-160, MIL-STD 461, and HIRF Testing.

Used by major companies in the aerospace, automotive industries, and military field like

- NASA
- Amazon
- Navy

Advantages

- Warranty
- Made in USA
- Cost effective
- Portable and space-saving
- Fully customizable
- In-house studio

Services (optional)

- Installation service (setup & dismantling)
- Retrofit service
- Repair service
- Rental service

Did we spark your interest ?

More information can be found on our detailed data sheets.
Please do not hesitate to contact us at any time.