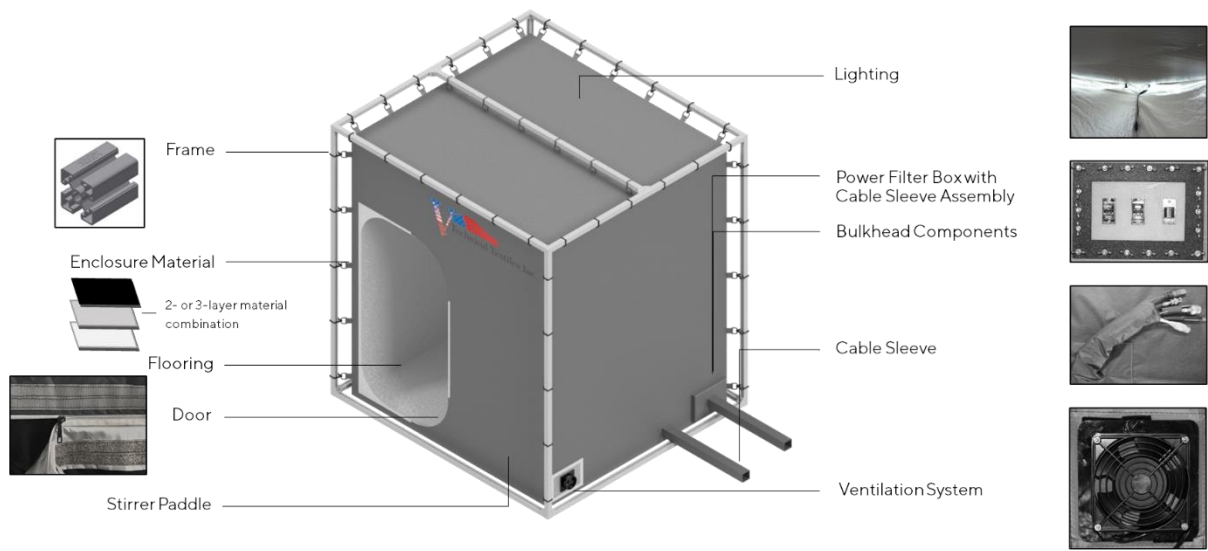


Technical Application Guide

9000 Series



V Technical Textiles, Inc. 9000 Series portable RF shielded Reverberation Enclosures are the best of 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.

Physical Address
V Technical Textiles, Inc
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Contact
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Fax: (315)-597-6687
info@vtechtextiles.com

USA Patent
5,908,043 & 6,068,009
Canada Patent
CA2129432



General Information

VTT's enclosures are available with many valuable options such as doors, ventilation systems, bulkheads, power 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 and Shieldex® Berlin RS
or
3-layer Shieldex® Nora Dell RS CR, Shieldex® Zell RS and
Shieldex® Berlin RS

Door

Four-layer double door with conductive Zipper and Velcro closure

Included

Enclosure
Cable Sleeve
Door

Optional (more options available)

Floor
Endoscope
Power Panels
Ventilation
Filter Boxes
Frame
Lighting



Shielding Effectiveness

Average 95 dB from 0.3 GHz to 18 GHz

Abrasion Resistance fabric

1,000,000 cycles to electrical performance breakdown

Internal Surface Conductivity

0.009Ω/□

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Applications

- RF Shielding chamber for Wi-Fi, Bluetooth, EMC test labs, aerospace, automotive equipment, and 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

Advantages

- Warranty
- Made in USA
- Cost effective
- Portable and space saving
- Hand- and custom- made
- 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.

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