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Technical Application Guide

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. VTT's Reverberation Chamber can be custom fabricated to any size the customer may need. VTT's 9000 Series Reverberation Enclosures are Clean Room compatible to A300 (Class 1000). Used by NASA.

- **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.
- **Description:** Triple wall construction of Shieldex® Nora Dell CR, Shieldex® Zell and Shieldex® Berlin fabric.
- **Shielding Effectiveness:** Average 95 dB from 30 MHz to 18 GHz.
- **Abrasion Resistance:** 1,000,000 cycles.
- **Performance Loss:** 400 deployments is less than 10 dB.
- **Internal Surface Conductivity:** 0.009 Ω /
- **Portable Metalized Fabric Stirrer Paddle** which ensures all surfaces of the Device Under Test are subjected to a homogenous field.



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