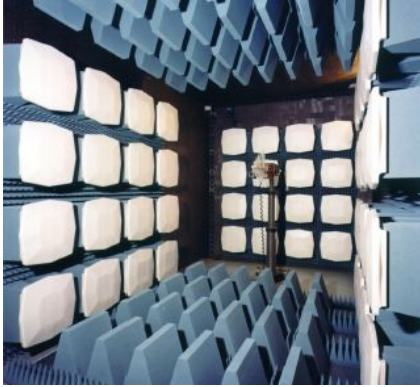


SPACESAVER™ FAR CHAMBER

ETS-Lindgren's SpaceSaver Far chambers are designed to perform IEC 61000-4-3 compliant radiated immunity measurements.



ETS-Lindgren's SpaceSaver™ FAR chambers are designed to perform IEC 61000-4-3 compliant radiated immunity measurements. Fully anechoic, these chambers can also be used for CISPR 16-1-4 pre-compliant radiated emissions measurement pre-scans, with fixed height. Frequency ranges for this chamber are 26 MHz to 40 GHz (radiated immunity) and 30 MHz to 40 GHz (radiated emission).

Key Features

- Ultra Broadband Frequency Range: 26 MHz to 40 GHz Radiated Immunity Compliance:
 - IEC 61000-4-3
- Radiated Emissions Pre-Compliance:
 - Semi Anechoic (Pre-Scan)
 - ANSI C63.4/CISPR 16-1-4
 - Fully Anechoic
 - CISPR 16-1-4 (Fixed Height)
- Turnkey Chamber Solutions

Specifications

Electrical Specifications

Frequency Minimum: 26 MHz
 Frequency Maximum: 40 GHz

Physical Specifications

Scan Height: Fixed
 Overall Structure Dim (H): 3.5 m (11.48 ft)
 Overall Structure Dim (L): 7.8 m (25.59 ft)
 Overall Structure Dim (W): 3.8 m (12.47 ft)
 Internal Working Area (L): 7.6 m (24.93 ft)
 Internal Working Area (W): 3.7 m (12.14 ft)
 Internal Working Area (H): 3.4 m (11.15 ft)
 Quiet Zone for Emission Testing (Diameter x H): 1.0 m x 0.5 m (3.3 ft x 1.6 ft)
 Field Uniformity: 0 to 6 dB; 1.5 m x 1.5 m (4.92 ft to 4.92 ft)

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Additional Specifications

- Two Connector Panels, 15 cm x 61 cm (6 in x 24 in) Clear Opening
- Four Corner-mounted Light Fixtures with Floodlights (Electrical Distribution not Included)
- 4 x 2 x 30 Amp, Power-Line Filters For Lights And EUT (Wiring Not Included)
- One Single-leaf, Series 201, Recessed Contact Mechanism (RCM), Manually Operated, RF-shielded Door, 0.91 m x 2.13 m (3 ft x 7 ft) Clear Opening
- Two Waveguide Vents, 30.48 cm x 30.48 cm (12 ft x 12 ft) in the Ceiling
- 7-TR Tripod
- Shield Test Per IEEE-299/MIL-STD 285
- One 3.81 cm (1.5 in) Pipe Penetration with Flange Nuts and Cap
- Two "N" Type Connectors

Product Options

- Sliding Doors for Flush-threshold Opening
- Fire Detection and Suppression Systems
- Immunity Interlock Switch
- Chamber Testing (See Performance Tables)
- Heating, Ventilation, & Air Conditioning (HVAC) Systems
- Electrical Distribution
- CCTV Monitoring System
- Raised Reflective Ground Plane Floor System
- Various Sizes of Series 201 RF Shielded Swing Doors
- Intercom System
- Structural Design Calculations and Certification
- Additional Filtering
- Polystyrene Wall Covering Over Ferrite
- Antennas
 - Immunity Only
 - 3109 Biconical
 - 3148B Log Periodic
 - Emissions Only
 - 3110C Biconical
 - 3148B Log Periodic
 - Immunity and Emissions
 - 3104C Biconical (50 w max.)
 - 3148B Log Periodic
 - 3142D Log Periodic
- Towers and Tripods
 - Immunity Only
 - 4-TR Tripod
- Positioners
 - Low Reflective Table
 - 2165-1.21, LoPro 1.2 m Diameter
 - 2188-1.23, 1.2 m Diameter; Requires 160 mm (6 in) Raised Floor
 - 2188-1.53, 1.5 m Diameter; Requires 160 mm (6 in) Raised Floor
- Probes

- HI-6005
 - HI-6105
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