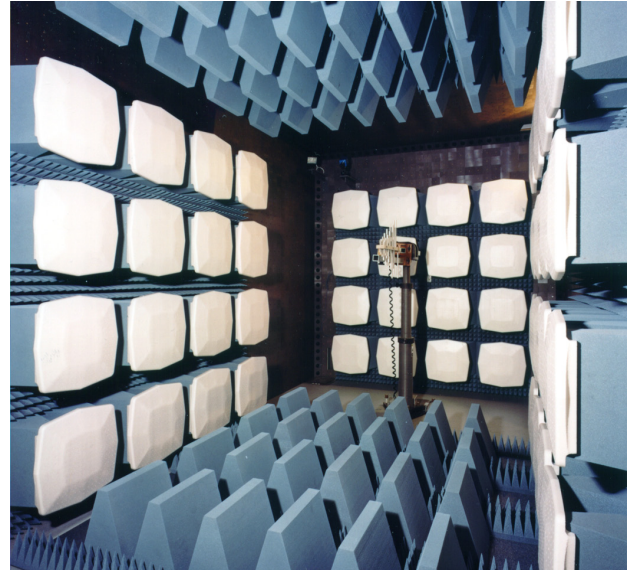


FEATURES:

- **Ultra Broadband Frequency Range:**
26 MHz - 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**



ETS-Lindgren's SpaceSaver Test Chamber

SPACESAVER PC

A semi-anechoic chamber, the SpaceSaver PC is designed to perform ANSI C63.4/CISPR 16-1-4 and IEC 61000-4-3 pre-compliant radiated immunity measurements.

This chamber can also be used for ANSI C63.4 pre-compliant radiated emissions measurement prescans, with limited height scan.

Frequency ranges for this chamber are 80 MHz to 40 GHz (radiated immunity) and 30 MHz to 40 GHz (radiated emission).

SPACESAVER 26H

A semi-anechoic chamber, the SpaceSaver 26H is designed to perform ANSI C63.4/CISPR 16-1-4 and IEC 61000-4-3 compliant radiated immunity measurements.

This chamber can also be used for ANSI C63.4 pre-compliant radiated emissions measurement prescans, with limited height scan.

Frequency ranges for this chamber are 26 MHz to 40 GHz (radiated immunity) and 30 MHz to 40 GHz (radiated emission).

SPACESAVER FAR

A fully anechoic chamber, the SpaceSaver FAR is designed to perform IEC 61000-4-3 compliant radiated immunity measurements.

This chamber can also be used for CISPR 16-1-4 pre-compliant radiated emissions measurement prescans, with fixed height.

Frequency ranges for this chamber are 26 MHz to 40 GHz (radiated immunity) and 30 MHz to 40 GHz (radiated emission).

BASELINE CONFIGURATION FOR SPACESAVER CHAMBERS

Shielding Baseline:

- One Single-Leaf, Manually Operated, RF-Shielded Door, 0.91 m x 2.13 m (3' x 7') Clear Opening
- Two Waveguide Vents, 30 cm x 30 cm (12" x 12") In The Ceiling
- Two Connector Panels, 15 cm x 61 cm (6" x 24") Clear Opening
- Two "N" Type Connectors
- One 4 cm (1.5") Pipe Penetration With Flange Nuts And Cap
- 7-TR Tripod (Baseline on SpaceSaver 26H and SpaceSaver FAR, Optional on SpaceSaver PC)
- Shield Test Per IEEE-299/MIL-STD 285

Electrical Baseline:

- 4 x 2 x 30 Amp, Power-Line Filters For Lights And EUT (Wiring Not Included)
- 4 x Corner-Mounted Light Fixtures With Floodlights (Electrical Distribution Not Included)

OPTIONS

- Raised Reflective Ground Plane Floor
- Chamber Testing (See PerformanceTables)
- Fire Detection And Suppression Systems
- CCTV Monitoring System
- Intercom System
- Electrical Distribution
- Additional Filtering
- Heating, Ventilation, & Air Conditioning (HVAC) Systems
- Polystyrene Wall Covering Over Ferrite
- Various Sizes Of Series 201 RF Shielded
- Sliding Doors For Flush-Threshold Opening
- Structural Design Calculations And Certification
- Immunity Interlock Switch

OPTIONS (CONTINUED)

- 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
 - 7-TR Tripod (SpaceSaver PC)
 - Immunity and Emissions
 - 2175-2 MiniMast™
- Positioners
 - Low Reflective Table
 - 2165-1.21, LoPro 1.2 m diameter
 - 2188-1.23, 1.2 m diameter (requires 160 mm (6") raised floor)
 - 2188-1.53, 1.5 m diameter (requires 160 mm (6") raised floor)
- Probes
 - HI-6005
 - HI-6105

SPECIFICATIONS

MODEL #	FREQUENCY RANGE	SCAN HEIGHT	EXTERIOR DIMENSIONS WITH STRUCTURAL STEEL (L x W x H)	INTERIOR DIMENSIONS (L X W X H)	QUIET ZONE FOR EMISSION TESTING (Diameter x H)	FIELD UNIFORMITY
SpaceSaver PC	80 MHz - 40 GHz	1 m - 1.5 m	6.3 m x 3.3 m x 2.6 m (20.5 ft x 10.7 ft x 8.5 ft)	6.1 m x 3.1 m x 2.4 m (20.0 ft x 10.0 ft x 8.0 ft)	1.2 m x 2.0 m 3.9 ft x 6.6 ft	0 to 6 dB 1.0 m x 1.0 m
SpaceSaver 26H	26 MHz - 40 GHz	1 m - 2 m	7.8 m x 3.8 m x 3.2 m (25.5 ft x 10.5 ft x 10.6 ft)	7.6 m x 3.1 m x 3.1 m (25.0 ft x 10.0 ft x 10.0 ft)	1.2 m x 2.0 m 3.9 ft x 6.6 ft	0 to 6 dB 1.5 m x 1.5 m
SpaceSaver FAR	26 MHz - 40 GHz	Fixed	7.8 m x 3.8 m x 3.5 m (25.5 ft x 10.5 ft x 11.6 ft)	7.6 m x 3.7 m x 3.4 m (25.0 ft x 12.0 ft x 11.0 ft)	1.0 m x 0.5 m 3.3 ft x 1.6 ft	0 to 6 dB 1.5 m x 1.5 m

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