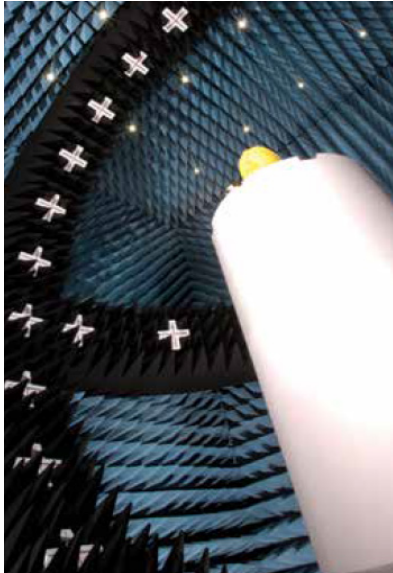


CHAMBER AMS-8900 ANTENNA MEASUREMENT SYSTEM



MODEL AMS-8900

- Fully Compliant Over-The-Air (OTA) Testing for Wireless Devices
- High Speed Passive Testing
- Multi-antenna Array System with 23 or 47 Sensors

ETS-Lindgren's AMS-8900 Multi-Antenna Distributed-Axis Test Systems are fully configured to perform both research and development and type approval measurements. These systems can also be used to perform antenna measurements in both near-field and far-field test distances for more generic antenna properties. AMS-8900 systems include a custom multi-antenna array ring that houses a system of dual-polarized antennas. These antennas support testing between 600 MHz and 6 GHz, with an optional frequency range down to 400 MHz and up to 10 GHz. An integrated laser alignment system assists with DUT positioning.

A switch control box integrated on the ring provides fast changing between antennas for high-speed testing. Its centralized system configuration supports easy maintenance and superior reliability.

An optional goniometer is available for finer angular resolution measurements.

Technical Specifications

Electrical	
Frequency Range	400 MHz to 10 GHz
Test Methodology	Theta Array with Multiple Antennas
Compliance Standard and Technology	CTIA/MIMO
Rotation Axis	Single-Axis Turntable with Theta-Arm
Physical	
Path Length	0.8 m (31.5 in)
	1.35 m (4.4 ft)
	1.5 m (4.9 ft)
	1.95 m (6.4 ft)
	3.17 m (10.4 ft)
Overall Dimensions	See Website, Varies by Pathlength Selection
Maximum Load Capacity	50.0 kg (110.2 lb)

Standard Configuration

- Integrated Laser Alignment System
- Turnkey Systems Available for SISO and MIMO Testing
- Full WiFi 7 test solution available (Note: requires WiFi 6E measurement package)
- Easily Calibrated by User
- CTIA Audit Assistance