

Model 3100D Wireless Test Lab



Description

The Model 3100D is a complete automated measurement system designed to meet the requirements of the CTIA Certification Program for Over The Air Performance. Applicable for testing most wireless devices, it includes a shielded chamber, two axis conical scan positioning system, RF cables, RF rotary joint and DUT support column.

Features

- Free Standing Shielded Chamber requiring only 10 ft (3m) vertical clearance
- Operating frequency of 700 MHz to 10 GHz
- 12 inch (30 cm) test zone
- Meets CTIA Certification Requirements v3.3
- Fast, automated measurements of TIS, TRP, Efficiency and radiation patterns
- Compatible with both Rohde & Schwarz AMS32 and ETS Lindgren EMQuest OTA software
- Can be configured for MIMO measurements with dual theta axes

Characteristics

Frequency Range	700 MHz to 10 GHz
Quiet Zone Size	12 inches (30.5 cm)
Range Length (maximum)	49 inches (124 cm)
Signal Level Ripple	< +/-1.5dB (Typical)
Measurement Uncertainty due to ripple	0.35 dB (Typical)
Test Method	Conical Cut
SAM Phantom Head Orientation	Vertical
Maximum SAM Phantom Weight	35 lbs (16 kg)