Product Description
octoBox

Controlled Over-the-Air Wireless Test Station

octoBox is a compact anechoic RF enclosure that houses a controlled over-the-air (OTA) test setup for R&D, QA and production test.

Its unique dual-chamber design can integrate a complete test set-up, which also makes the octoBox suitable for less technical groups, such as customer support and marketing.

Incorporating test instrumentation, test antennas and an easily accessible chamber for the device under test (DUT), octoBox is a space-efficient wireless test station that can replace a large walk-in anechoic chamber for many common radio tests.

To speed up production testing, multiple devices or multiple radios in a DUT can be tested simultaneously in controlled OTA conditions.

octoBox™ and octoBox Stackable OTA RF enclosures

Features

- Easily customizable for a variety of DUTs
- Supporting a wide frequency range from UHF to 6 GHz
- Self-contained RF test station that fits into tight spaces
- Configurable feed-through filters for all copper lines entering the box, including power, Ethernet, USB and other control/communications lines connecting to the DUT
- octoBox quadStack is ideal for wireless mesh and system testing

Applications

- Product development and verification
- Regulatory pre-certification testing (FCC emissions, CTIA, etc.)
- Production and QA testing
- Compliance testing (isolated Wi-Fi Alliance testbed)

Supported Devices

- Smart phones, PC clients, access points, base stations, femtocells, antennas, MIMO systems, RFID tags and other small wireless devices

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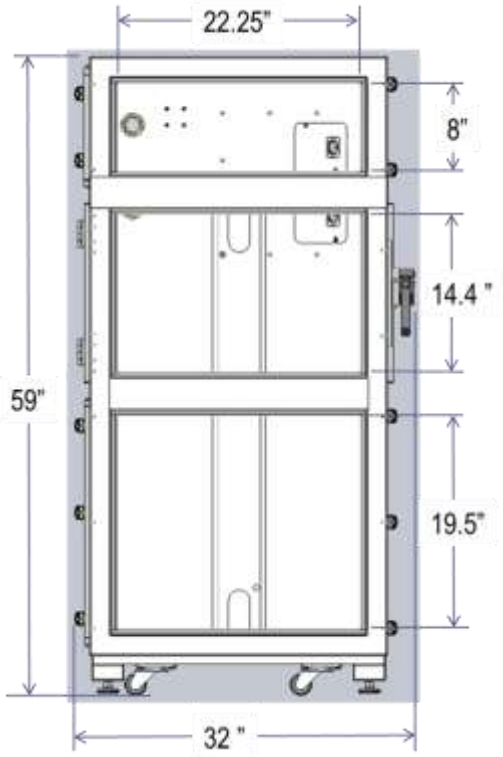
Watch octoBox videos

octoBox Specifications



Overall dimensions

Height:	59" (1500mm)
Width:	22-1/4" (565mm)
Depth:	24" (610mm)
Weight:	320 Lbs (145 Kg)
Antenna to DUT:	21" (533 mm)

Base counterweight for stability
Casters for easy moving
Adjustable leveling feet
DUT door can be set up to hinge from left or right to optimize back-to-back placement of octoBox test stations in tight spaces.

Top chamber interior dimensions

Height:	9" (230mm) (with 2 ¼" foam on ceiling)
Width:	22-1/4" (foam on left and right walls) (57mm)
Depth:	Varies; 13" max (33mm)
Door opening:	8" x 22-1/4" (20mm x 57mm)
Filters:	Ethernet, USB, AC and DC power
RF ports:	4 SMA to outside; 4 SMA to DUT chamber
Power	1 IEC AC power inlet

DUT chamber interior dimensions

Height:	43" (1092mm)
Width:	22-1/4" (56mm)
Depth:	11" max with 2-1/4" foam (28mm)
Filters:	Ethernet, USB, AC and DC power
RF ports:	4 SMA connectors feeding through to the Master chamber
DUT shelf:	Vertical position is adjustable in 6.7" intervals; held by 4 screws

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