

IG-811W

IG-811W is OTA (Over The Air) measurement & testing chamber. Fit to wide frequency range up to mmW - Very High Frequency.

The chamber height is 200 cm with one frontal door.

Reflection and isolation performances.

IG-811W design for testing any wireless transmission such as: Wi-Fi, Bluetooth, RFID, 3G, 4G, 5G, WLAN, GPS and mmW. It may also be used for cell-site testing, RF resistor testing and two-way radio testing. Over The Air – Measurement & Testing.



Features

- Fast, reliable EMI/RFI testing and verification, while providing 100% effective shielding of 120dBm minimum attenuation tested as per as
- MIL-STD-285D up to 6GHz
- High performance construction of SAE 1020 and copper EMC shielding with ROHs compliant welding and RAL 9010 STD coating.
- Manual operation with front loading, big handle opened door.
- Shielding tested under lab conditions with signal generator by spectrum analyzer and conforming antenna. Manufacturer's C.O.T. and test results included.
- For large UUT's
- For Antenna test & measurement.
- For Over The Air measurement.
- Reflection and isolation performances.
- Custom-made product adaptable to any application..

Accessories

- 2x Honey-comb vent windows 265X265 mm
- Exhaust fan
- SMA /2.4/2.9/ K connectors
- Filtered terminal 220VAC max 32 Amp
- AC power supply plug in + cord cable
- 4 Outlet 120VAC/15A
- Filtered terminal 50VDC max 20 Amp
- DC Plug in
- RF absorbent foam liner
- Double lip RF sealing
- Grounding Point
- Internal illumination

Optional Accessories

- Anechoic absorber lining for the interior surface
- Custom IO's panel with any filtered connectors you may need.
- Waveguide for optic fibers
- RF shielded observation window
- Additional in-port/out-port systems
- Extra custom-made requirement

IG-811W

Dimensions – Outside

Length - 85cm

Width - 85cm

Height - 200cm

Dimensions – Inside + 4" pyramid absorber

Length - 70 cm

Width - 70 cm

Height - 180 cm

Materials

Body stainless steel

Door stainless steel

Frames stainless steel

brackets – SAE 1020

FAN – Rubber, sponge and plastic

Gaskets – Rubber, sponge and plastic

Opening system

Manual operation

Front loading

1 door, side open

2 handle locking system

RF sealing set

Electric system

220 VAC max 16 Amp

4 outlet power strip 220 VAC

External power cable 220 VAC + plug

100VDC filter 20amp with easy to use plug in.

Interrail lightning

Air vents

3x EMI shielded honeycomb 265x265

8x AC fan 80x80 - 40 CFM, magnetic -

bearing, silence

IO's plate

Any type of RF / mmW Filter /

Internal RF absorber

24 db , internal surfaces covering with
RF absorber foam

Attenuation level

3.0GHz – 40.0GHz > - 60dB

Quality

Testing according to MIL-STD 285

A C.O.A will attach to each box.

Final Attenuation level will set as per
as the weak chosen connector

Warranty – one year from delivering