

IG-811E

IG-811E 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-811E 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

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Technical Data

IG-811E	
Dimensions - External	Dimensions - Internal
Width: 85cm	Width: 70cm
Depth: 85cm	Depth: 70cm
Hight: 200cm	Hight: 180cm
Material	Opening System
Body: stainless steel	Manual operation
Door: stainless steel	Front loading
Frames: stainless steel	1 door, side open
Brackets: SAE 1020	2 handle locking system
Fan: Rubber, Sponge and Plastic	RF shielding doors
Gaskets: Rubber, Sponge and Plastic	
Electric system	Air vents
220 VAC max 16 Amp	3XEMI shielded honeycomb 265X265
4 outlet power strip 220 VAC	8X AC fan 80x80 - 40 CFM, magnetic - bearing, silence
External power cable 220 VAC + plug	
100VDC filter 20amp with easy-to-use plug in.	
Interrail lighting	
IO's plate	Internal RF absorber
SMA / Ntype / BNC / Ftype connetors	24 db , internal surfaces covering with RF absorber foam
Attenuation level	Quality
3.0GHz - 40.0GHz > -60dB	Testing according to MIL-STD 285
	A C.O.A will be attached to each box.
	Final Attenuation level will set as per as the weak chosen connector
	Warranty - one year from delivering

