

IG-514E

IG-514E Shielding enclosure.

The chamber height is 220 cm, with one easy manual door. Full shielding cabinet - high attenuation performance on range of frequency.

IG-514E design for testing any wireless transmission such as: Wi-Fi, Bluetooth, RFID, 3G / 4G /5G, WLAN, GPS and WiMAX. It may also be used for cell-site testing, RF resistor testing. Connected / Over the air / Sensitivity tests.

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.
- Shelves inside.
- Custom-made product adaptable to any application.



Accessories

- 3x Honeycomb vent windows 265X265mm
- Exhaust fan
- SMA / Ntype / BNC and other connectors
- Filtered terminal 220VAC max 32 Amp
- AC power supply plug in + cord cable
- Filtered terminal 50VDC max 20 Amp
- DC Plug in
- RF absorbent foam liner or by choice
- Double lip RF sealing
- Grounding Point
- RF filters by request .

Optional Accessories

- Anechoic absorber lining for the interior surface
- Custom IO's panels 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-514E	
Dimensions - External	Dimensions - Internal
Width: 80cm	Width: 76cm
Depth: 80cm	Depth: 76cm
Hight: 220cm	Hight: 216cm
Material	Opening System
Body: SAE 1020	Manual operation
Door: SAE 1020	Front loading
Frames: SAE 1020	1 door, side open
Brackets: SAE 1020	RF shielding doors
Fan: Rubber, Sponge and Plastic	
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
Fiber optic and RF filters	
Attenuation level	Quality
0.1GHz - 1.0GHz > 120dB	Testing according to MIL-STD 285
1.0GHz - 3.0GHz > 120dB	A C.O.A will be attached to each box.
3.0GHz - 6.0GHz > 120dB	Final Attenuation level will set as per as the weak chosen connector
	Warranty - one year from delivering

