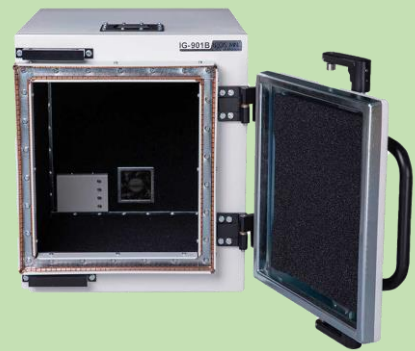


IG-901B

IG-901B High performance RF Shielding Box

The **IG-901B** specially developed for very high shielding performance and sensitive test and measurement – it's easy to operate. fit to any lab condition, desktop or Rackmount 19" with modular IO filters panel.

The chamber design for testing any wireless transmission such as: Wi-Fi, Bluetooth, RFID, WLAN, GPS and Wimax.



Features

- Fast, reliable EMI/RFI testing and verification, while providing 100% effective shielding of 90dBm minimum attenuation tested as per as MIL-STD-285D up to 12GHz
- High performance construction of Aluminum and copper EMC shielding with ROHs compliant welding and RAL 9010 STD coating.
- Manual operation with front loading, two handle opened door, latch locking action.
- Shielding tested under lab conditions with signal generator by spectrum analyzer and conforming antenna. Manufacturer's C.O.T. and test results included.
- For medium UUT's
- Custom-made product adaptable to any application.

Accessories

- Double 90X90 Honey-comb air vent
- Exhaust fan
- 4 SMA connectors
- Filtered terminal 220VAC max 16 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 finger
- 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 requirements

Technical Data

IG-901B	
Dimensions – External	Dimensions – Internal
Width: 44cm	Width: 42cm
Depth: 65cm	Depth: 55cm
Hight: 50cm	Hight: 46cm
Material	Opening System
Body: Aluminum	Manual operation
Door: Aluminum	Front loading
Frames: SAE 1020	One handle opened door
Brackets: SAE 1020	Latch locking action
Fan: Rubber, Sponge and Plastic	RF finger copper
Electric system	Air vents
220 VAC max 16 Amp	EMI shielded windows (honeycomb)
4 outlet power strip 220 VAC	AC fan 90x90 – 40 CFM, magnetic – bearing, silence
External power cable 220 VAC + plug	
100VDC filter 20amp with easy-to-use plug in.	
Interrail lightning	
IO's plate	Internal RF absorber
Any type of RF Filter	24 db , internal surfaces covering with RF absorber foam
Attenuation level	Quality
0.1GHz – 1.0GHz > 100dB	Testing according to MIL-STD 285
1.0GHz – 3.0GHz > 100dB	A C.O.A will be attached to each box.
3.0GHz – 6.0GHz > 100dB	Final Attenuation level will set as per as the weak chosen connector
	Warranty – one year from delivering

