

# IG-901B high performance

## IG-901B High performance RF Shielding Box

The IG-901B specially developed for very high shielding performance and sensitives 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 6GHz
- 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

## IG-901B

### Dimensions – Outside

Length - 44cm

Width - 65cm

Height - 50cm

### Dimensions – Inside

Length - 42cm

Width - 55cm

Height - 46cm

### Materials

Body - Aluminum

Door – Aluminum

Frames – SAE 1020

brackets – SAE 1020

FAN – Rubber, sponge and plastic

### Opening system

Manual operation

front loading

one handle opened door

Latch locking action

RF finger copper

### 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

EMI shielded windows (honeycomb)

AC fan 90x90 - 40 CFM, magnetic -

bearing, silence

### IO's plate

Any type of RF Filter

### Internal RF absorber

24 db , internal surfaces covering with

RF absorber foam

### Attenuation level

0.1GHz – 1.0GHz > 100dB

1.0GHz – 3.0GHz > 100dB

3.0GHz – 6.0GHz > 100dB

### 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