

# IG-244B

The IG-244B is the perfect box for testing small device such as cellphones and small set up's.

The light weight of IG-244B box makes it a portable box, which the user can carry to anywhere he may need for demonstrations.

The IG-244B box design for testing any wireless transmission such as: Wi-Fi, Bluetooth, RFID, 3G, WLAN, GPS and WiMAX.

It may also be used for cell-site testing, RF resistor testing and two-way radio testing.



## 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 Aluminum and copper EMC shielding with ROHs compliant welding and RAL 9010 STD coating.
- User Friendly, compact design and light weight.
- Manual operation with top loading, toggle 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 small UUT's
- Custom-made product adaptable to any application

## Accessories

- 40X40 Honey-comb air vent
- SMA or other connectors
- Filtered terminal 50VDC max 20 Amp
- Grounding Point
- RF absorbent foam liner
- Double lip RF sealing.

## Optional Accessories

- Anechoic absorber lining for the interior surface
- Custom IO's panel.
- Waveguide for optic fibers
- RF shielded observation window
- Internal illumination
- exhaust fan

## IG-244B

### Dimensions – Outside

Length - 22cm

Width - 33cm

Height - 14cm

### Dimensions – Inside

Length - 20cm

Width - 31cm

Height - 12cm

### Materials

Body - Aluminum

Door – Aluminum

Frames – SAE 1020

brackets – SAE 1020

FAN – Rubber, sponge and plastic

Gaskets – Rubber, sponge and plastic

### Opening system

Manual operation

Top loading

Toggle opened door

Latch locking action

RF sealing set

### Electric system

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

### Air vents

EMI shielded windows (honeycomb)

### Assembly filters

Any type of RF filter

### Internal RF absorber

24 db , internal surfaces covering with RF absorber foam

### Attenuation level

0.1GHz – 1.0GHz > 80dB

1.0GHz – 3.0GHz > 80dB

3.0GHz – 6.0GHz > 80dB

### 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

