

IG-244B

The **IG-244B** is the perfect box for testing small device such as cellphones and small set ups.

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

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Technical Data

IG-244B	
Dimensions – External	Dimensions – Internal
Width: 22cm	Width: 20cm
Depth: 33cm	Depth: 31cm
Hight: 14cm	Hight: 12cm
Material	Opening System
Body: Aluminum	Manual operation
Door: Aluminum	Top loading
Frames: SAE 1020	Toggle opened door
Brackets: SAE 1020	Latch locking action
Fan: Rubber, Sponge and Plastic	RF sealing set
Gaskets: Rubber, Sponge and Plastic	
Electric system	Air vents
100VDC filter 20amp with easy-to-use plug in.	EMI shielded windows (honeycomb)
Assembly filters	Internal RF absorber
Any type of RF filter	24 db , internal surfaces covering with RF absorber foam
Attenuation level	Quality
0.1GHz – 1.0GHz > 80dB	Testing according to MIL-STD 285
1.0GHz – 3.0GHz > 80dB	A C.O.A will be attached to each box.
3.0GHz – 6.0GHz >80dB	Final Attenuation level will set as per as the weak chosen connector
	Warranty – one year from delivering



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Technical Drawing

