

IG-253B

The IG-253B is the "big brother" of the IG-244B. This box can be used for testing small device such as cellphones, routers and small set up's.

Although the IG-253B is bigger than the IG-244B, it's have a light weight that allows the user to take it to anywhere he may need for demonstrations

The IG-253B 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 of 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

- Double 68X68 Honey-comb air vent
- Exhaust fan
- 4 SMA connectors
- Filtered terminal 220VAC max 16 Amp
- AC power supply plug in + cord cable
- 1 Outlet 120VAC/15A,
- Filtered terminal 50VDC max 20 Amp
- DC Plug in
- RF absorbent foam liner
- Double lip RF sealing
- Grounding Point

Optional Accessories

- Anechoic absorber lining for the interior surface
- Custom IO's pane.
- Waveguide for optic fibers
- RF shielded observation window
- Internal illumination
- Additional in-port/out-port systems
- Extra custom-made requirements

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Dimensions – Outside

Length - 32cm
Width - 45cm
Height - 24cm

Dimensions – Inside

Length - 30cm
Width - 43cm
Height - 22cm

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

220 VAC max 16 Amp
1 outlet power strip 220 VAC
External power cable 220 VAC + plug
100VDC filter 20amp with easy to use plug in.

Air vents

EMI shielded windows (honeycomb)
AC fan 68x68 - 40 CFM, magnetic - bearing, silence

IO's plate

Filtered SMA x4

Internal RF absorber

24 db , internal surfaces covering with
RF absorber foam

Attenuation level

0.1GHz – 1.0GHz > 90dB
1.0GHz – 3.0GHz > 90dB
3.0GHz – 6.0GHz > 90dB

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

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