

IG-118B

The IG-188B box is designed especially for multiple usages .

For tall DUT, the product can be used as a vertical desk unit and as for wide DUT, the product can be used horizontally.

Combining two products together, will give you a divided working station that can be used as a desk unit or fit into a rack 19'.

The IG-118B 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.
- Design especially for multiple usages.
- Can be used as vertical/horizontal desk unit.
- Combining two products together, you will get a divided working station that can be used as a desk unit or fit into a rack 19'.
- High performance construction steel and copper EMC shielding with RoHS compliant welding and RAL 9010 STD coating.
- User-Friendly, compact design, and lightweight.
- Manual operation with front loading, one hand 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 small-medium UUT's

Accessories

- Double 90X90 Honey-comb air vent
- exhaust fan
- 4 SMA connectors
- Frames and brackets – SAE 1020
- Grounding Point
- Double lip RF sealing

Optional Accessories

- Custom IO's panel with any filtered connectors you may need.
- Waveguide for optic fibers
- RF shielded observation window
- Internal illumination
- Additional in-port/out-port systems
- Extra custom-made requirements

- Custom-made product adaptable to any application.

IG-188B

Dimensions – Outside

Length - 21cm
Width - 50cm
Height - 42cm

Dimensions – Inside

Length - 19cm
Width - 47m
Height - 39cm

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
front loading
Toggle opened door
Latch locking action
RF sealing set

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

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

