

IG-118B

The **IG-118B** 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 is designed 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. •
- Designed 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 analyser and conforming antenna. •
- Manufacturer's C.O.T. and test results included. •
- For small-medium UUT's •
- Custom-made product adaptable to any application.



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

Technical Data

IG-118B	
Dimensions – External	Dimensions – Internal
Width: 18cm	Width: 21cm
Depth: 46cm	Depth: 57cm
Hight: 37cm	Hight: 43cm
Material	Opening System
Body: Aluminum	Manual operation
Door: Aluminum	Front 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
220 VAC max 16 Amp	EMI shielded windows (honeycomb)
4 outlet power strip 220 VAC	AC fan 90x90 – 40 CFM, magnetic – bearing, silence
External power cable 220 VAC + plug	
100VDC filter 20amp with easy-to-use plug in.	
Interrail lightning	
IO's plate	Internal RF absorber
Filtered SMA x4	24 db , internal surfaces covering with RF absorber foam
Attenuation level	Quality
0.1GHz – 1.0GHz > 90dB	Testing according to MIL-STD 285
1.0GHz – 3.0GHz > 90dB	A C.O.A will be attached to each box.
3.0GHz – 6.0GHz > 90dB	Final Attenuation level will set as per as the weak chosen connector
	Warranty – one year from delivering



IG-118B



Technical Drawing

