

# 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 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
- 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

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## Technical Data

IG-118B	
Dimensions - External	Dimensions - Internal
Width: 21cm	Width: 18cm
Depth: 57cm	Depth: 46cm
Hight: 43cm	Hight: 37cm
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	
50VDC 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 - 3.0GHz > 85dB	Testing according to IEEE Std 299-2006
3.0GHz - 6.0GHz > 85dB	A C.O.A will attach to each box
6.0GHz - 12.0GHz > 80dB	Final Attenuation level will set as per as the weak chosen connector
	Warranty - one year from delivering
<ul style="list-style-type: none"> <li>Layout and dimension drawings will be supplied on demand</li> </ul>	