

# IG-460B

**IG-460B** is one of the most common chambers utilized by Israeli high-tech laboratories.

The chamber lends itself to a variety of uses at the working area and allowed the user a large flexibility.

The **IG-460B** 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 85dBm minimum attenuation tested as per as IEEE Std 299-2006 up to 12GHz.
- Design especially for multiple usages.
- High performance construction steel and copper EMC shielding with RoHS compliant welding and RAL 9010 STD coating.
- User-Friendly, compact design, and lightweight.
- 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

- 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

- 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 connectors
- Extra custom-made requirements

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## Technical Data

IG-460B	
Dimensions - External	Dimensions - Internal
Width: 56cm	Width: 47cm
Depth: 35cm	Depth: 26cm
Hight: 33cm	Hight: 27cm
Material	Opening System
Body: Aluminum	Manual operation
Door: Aluminum	Front loading
Frames: SAE 1020	One handle 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.	
internal 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 be attached 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



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## Technical Drawing

