

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 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.
- Manual operation with front loading, one 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
- Filtered terminal 220VAC max 16 Amp
- AC power supply plug in + cord cable
- 4 Outlet 120VAC/15A
- Filtered terminal 50VDC max 20 Amp
- DC Plug in
- RF absorbent foam liner
- Double lip RF sealing
- Grounding Point
- Internal illumination

Optional Accessories

- Anechoic absorber lining for the interior surface
- Custom IO's panel
- Waveguide for optic fibers
- RF shielded observation window – IG-460BW
- Additional in-port/out-port systems
- Extra custom-made requirement

IG-460B

Dimensions – Outside

Length - 50cm
Width - 30cm
Height - 30cm

Dimensions – Inside

Length - 48cm
Width - 28cm
Height - 28cm

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
one handle 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

