

IG-190R-1 1U

The IG-190R-1 1U built especially for using in rack enclosures. The product is ready to install in the rack enclosures, and can be removed and transferred easily. As you can learn from the product name, it's fit at 1 1U at the rack 19'.

The IG-190R-1 1U 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
- Fit into rack 19'
- High performance construction of Aluminum and copper EMC shielding with ROHs compliant welding and RAL 9010 STD coating.
- Manual operation with front loading, two 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 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
- Rack 19' shelf

Optional Accessories

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

IG-190R-11U

Dimensions – Outside

Length - 40cm

Width - 50cm

Height - 50cm

Dimensions – Inside

Length - 38cm

Width - 48cm

Height - 48cm

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

Two 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