

IG-271R-12U With Gloves and Window

The IG-271R-12U built for using in Rack 27" enclosures or table and Desk.

The IG-271R design for testing any wireless transmission such as:
Wi-Fi, Bluetooth, RFID, 3G, 4G, 5G, WLAN, GPS and WiMAX.

It may also be used for cell-site testing, RF resistor testing and two-way radio testing.
Full Range frequency.



Features

- Fast, reliable EMI/RFI testing and verification, while providing 100% effective shielding of 80dB minimum attenuation tested as per as MIL-STD-285D.
- Fit into rack 27".
- High performance construction of Aluminum and copper EMC shielding with ROHs compliant welding and RAL 9010 STD coating.
- Manual operation with top loading, two handle opened door, latch locking action, holder for the door.
- 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.
- RF drawer on Rackmount Chamber.

Accessories

- Double 90X90 Honey-comb air vent
- 2x Exhaust fan
- 4 X Modular IO Panels for connectors
- Filtered terminal 220VAC max 16 Amp
- AC power supply plug in + cord cable
- 4 Outlet 120VAC/15A
- Filtered terminal 50VDC max 20 Amp
- Filtered D-type connector
- DC Plug in
- RF absorbent foam liner
- Double lip RF sealing
- Grounding Point
- Rack 27" 120% opening

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

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Dimensions – Outside

Length - 27"
Width - 86cm
Height - 12U

Dimensions cm

Length - 60cm
Width - 86cm
Height - 50 cm

Materials

Body - Aluminum Door – Aluminum
Front color RAL 7035
Frames – SAE 1020
brackets – SAE 1020
FAN – Rubber, sponge and plastic
Gaskets – Rubber, sponge and plastic

Opening system

Manual operation
Top loading
Toggle 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

4 x plats IO panel modular by spec
Location for I/O Panel by request

Internal RF absorber

24 db , internal surfaces covering with
RF absorber foam

Attenuation level

0.1GHz – 1.0GHz > 60dB
1.0GHz – 3.0GHz > 60dB
3.0GHz – 12.0GHz > 60dB
12.0GHz – 40.0GHz > 60dB
For basic configuration

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

