

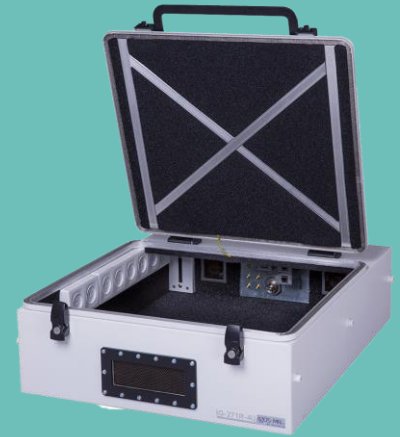
# IG-271R-4U

The **IG-271R-4U** built for using in Rack 27" enclosures or table and Desk.

The **IG-271R-4U** is designed 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.

Full Range frequency.



## 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.
- Fit into rack 27".
- 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.
- 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
- Rack 27" shelf

## 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

# IG-271R-4U

## Technical Data

271R-4U	
Dimensions – External	Dimensions – Internal
Width: 69cm	Width: 55cm
Depth: 79cm	Depth: 68cm*
Hight: 22cm	Hight: 15cm
*Depth can be varied to the customer's request	
Material	Opening System
Body: Aluminum	Manual operation
Door: Aluminum	Top 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.	
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
By lowest Filter performance as request	Warranty – one year from delivering

