

IG-730-0V

The **IG-730-0V** built especially for testing your product in extreme environment. The box fits itself into climate chamber and allows the user to test its products in high and low temperature.

The **IG-730-0V** box 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 75dBm minimum attenuation tested as per as MIL-STD-285D up to 6GHz
- Fit into climate chambers
- Allows testing in extreme conditions and in high temperature differences of -50C° – 80C°
- High performance construction steel and copper EMC shielding with ROHs compliant welding and RAL 9010 STD coating.
- Manual operation with front loading, one hand 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

- 120X120 Honey-comb air vent
- 260X50 Honey-comb air vent
- exhaust fan
- 4 SMA connectors
- Filtered terminal 50VDC max 20 Amp
- Grounding Point
- 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 systems
- Extra custom-made requirements

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Technical Data

IG-730-0V	
Dimensions - External	Dimensions - Internal
Width: 39cm	Width: 37cm
Depth: 40cm	Depth: 33cm
Hight: 39cm	Hight: 38cm
Temperature range	
(-50°) -80°	
Material	Opening System
Body: Stainless Steel	Manual operation
Door: Stainless Steel	Front 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	
100VDC filter 20amp with easy-to-use plug in.	
Interrail lightning	
IO's plate	Internal RF absorber
Filtered SMA x4	24 db , internal surfaces covering with RF absorber foam
Attenuation level	Quality
0.1GHz - 1.0GHz > 90dB	Testing according to MIL-STD 285
1.0GHz - 3.0GHz > 85dB	A C.O.A will be attached to each box.
3.0GHz - 6.0GHz > 75dB	Final Attenuation level will set as per as the weak chosen connector
	Warranty - one year from delivering

