

# IG-730OV

The IG-730OV 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-730OV 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

<b>IG-730OV</b>		<b>Temperature range</b> (-50°) - 80°	
<b>Dimensions – Outside</b>		<b>Dimensions – Inside</b>	
Length - 37cm		Length - 36cm	
Width - 30cm		Width - 29cm	
Height - 34cm		Height - 33cm	
<b>Materials</b>		<b>Opening system</b>	
Body - Stainless Steel		Manual operation	
Door – Stainless Steel		Front loading	
Frames – SAE 1020		One hand handle opened door	
brackets – SAE 1020		Latch locking action	
FAN – Rubber, sponge and plastic		RF sealing set	
Gaskets – Rubber, sponge and plastic			
<b>Electric system</b>		<b>Air vents</b>	
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			
<b>IO's plate</b>		<b>Internal RF absorber</b>	
Filtered SMA x4		24 db , internal surfaces covering with RF absorber foam	
<b>Attenuation level</b>		<b>Quality</b>	
0.1GHz – 1.0GHz > 90dB		Testing according to MIL-STD 285	
1.0GHz – 3.0GHz > 85dB		A C.O.A will attach 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	

