

# IG-631OV

The IG-631OV built especially for testing your product in extreme environment.

The IG-631OV fits itself into climate chamber, and allows the user to test its products in high and low temperature.

The IG-631OV 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 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 small UUT's
- Custom-made product adaptable to any application..

## Accessories

- 40X220 Honey-comb air vent x2
- 4 SMA connectors
- Filtered terminal 50VDC max 20 Amp
- Grounding Point
- RF absorbent foam liner
- Double lip RF sealing.

## Optional Accessories

- Anechoic absorber lining for the interior surface
- Custom IO's panel
- Waveguide for optic fibers
- Additional in-port/out-port systems
- Internal illumination
- exhaust fan

<b>IG-820OV</b>	<b>Temperature range</b> (-50°) - 80°
<b>Dimensions – Outside</b>	<b>Dimensions – Inside</b>
Length - 25cm	Length - 24 cm
Width - 26cm	Width - 25 cm
Height - 22 cm	Height - 22 cm
<b>Materials</b>	<b>Opening system</b>
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	
<b>Electric system</b>	<b>Air vents</b>
100VDC filter 20amp with easy to use plug in.	EMI shielded windows (honeycomb)
<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 > 90dB	A C.O.A will attach to each box.
3.0GHz – 6.0GHz > 90dB	Final Attenuation level will set as per as the weak chosen connector
	Warranty – one year from delivering

