

IG-820-0V

The **IG-820-0V** built especially for testing your product in extreme environment.

The **IG-820-0V** fits itself into climate chamber and allows the user to test its products in high and low temperature.

The **IG-820-0V** 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

- 40X40 Honey-comb air vent
- exhaust fan
- 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

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Technical Data

IG-820-0V	
Dimensions - External	Dimensions - Internal
Width: 21cm	Width: 22cm
Depth: 21cm	Depth: 17cm
Hight: 30cm	Hight: 28cm
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
100VDC filter 20amp with easy-to-use plug in.	EMI shielded windows (honeycomb)
	AC fan 90x90 - 40 CFM, magnetic - bearing, silence
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 > 90dB	A C.O.A will be attached 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

