HITEK ELECTRONIC MATERIALS
AN AEROMED GROUP COMPANY

IG-460B + gloves & screen

IG-460B with RF shielding gloves and camera + screen set.

The chamber lends itself to a variety of uses at the working area and allows for a large flexibility in the testing field.

Specially for tests and measurements that require your hands and eyes on UUT's (Units Under Test).

The IG-460B 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.



Features

- Fast, reliable EMI/RFI testing and verification, while providing 100%effective shielding of 90dBm minimum attenuation tested
- MIL-STD-285D up to 6GHz
- High performance construction of Aluminium and copper EMC shielding with RoHs compliant welding and RAL 9010 STD coating
- Manual operation with front loading, one handle opened door, latch locking action.
- Shielding tested under lab conditions with signal generator by spectrum analyzer and conforming antenna. Manufacturer's C.O.C. and test results included
- For small-medium UUT's
- Custom-made product adaptable to any application
- RF shielding gloves
- Screen and filtered camera set inside

Accessories

- Double 90X90 Honey-comb air vent
- Exhaust fan
- 4 SMA connectors
- Filtered terminal 220VAC max 16 Amp
- AC power supply plug in + cord cable
- 4 Outlet 120VAC/15A
- Filtered terminal 50VDC max 20 Amp
- DC Plug in
- RF absorbent foam liner
- Double lip RF sealing
- Grounding Point
- Internal illumination

Optional Accessories

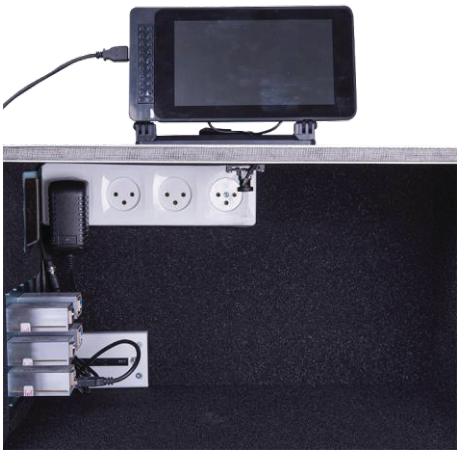
- Anechoic absorber lining for the interior surface
- Custom IO's panel
- Waveguide for optic fibres
- RF shielded observation window – IG-460BW
- Additional in-port/out-port systems
- Extra custom-made requirement

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Technical Data

IG-460B+ gloves & screen	
Dimensions – External	
Width: 56cm	Width: 47cm
Depth: 35cm	Depth: 26cm
Hight: 33cm	Hight: 27cm
Material	**Opening System**
Body: Aluminium	Manual operation
Door: Aluminium	Front loading
Frames: SAE 1020	One handle 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 > 75dB	Testing according to MIL-STD 285
1.0GHz – 3.0GHz > 75dB	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







IG-460B + gloves & screen

Technical Drawing

