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EMC SHC BOX-L

Technical Specifications

Operating Frequency	DC – 6 GHz
Shielding performance	> 60 dB up to 120 dB*
Input impedance	50 Ω
Outer Dimensions	66(L) x 85(W) x 55(H) cm
Internal Dimensions	56(L) x 75(W) x 45(H) cm
DUT MAX Size	50(L) x 70(W) x 40(H) cm

* variable with frequency and depending on the option installed



Key features

- Engineered and completely manufactured in Italy
- Ruggedized INOX steel
- Unique compact space-saving design
- Can host larger DUTs
- Completely modular
- Wideband High effective RF shielding
- Excellent quality – Military standard

Applications

- Specifically designed for telecom application
- Ideal for routers, telecommunication devices, laptops etc.
- Pre-compliance Tests (Radiation and Immunity)
- Path loss measurements
- Receiver sensitivity test
- Any sensitive measurements where shielding is needed
- Easily upgradable

Product Description

Designed specifically for laptops and other sized ISM or WiFi/GSM/UMTS/3G/4G/5G communication devices, it is projected in CAD ad CNC constructed with tolerances as 0.09 mm to maintain an exceptionally well shielded environment. Heavy duty, rugged 1.5 mm INOX steel is used throughout and high performance fabric non tissue gaskets are used at all joint locations assuring a reliable RF tight closure. The interior is optionally equipped with RF plain or pyramidal absorbers that provide a typical RF attenuation of -100dB @ 1GHz. Input/output connections and options can be configured to match any specific need thanks to a modular technical panel. Unit can host line filters for AC and DC power supplies up to 1000 V and a variety of options.

Options



SH-Glove – Silver Fabric Anallergic Shielded Glove



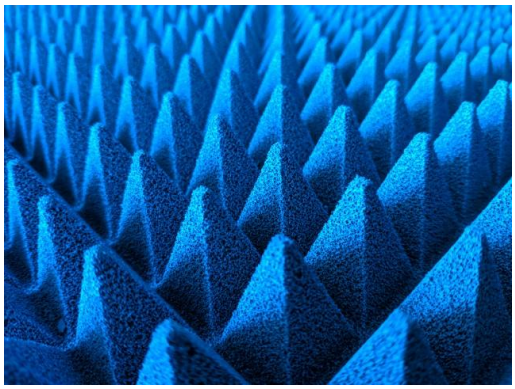
Power Line Filter

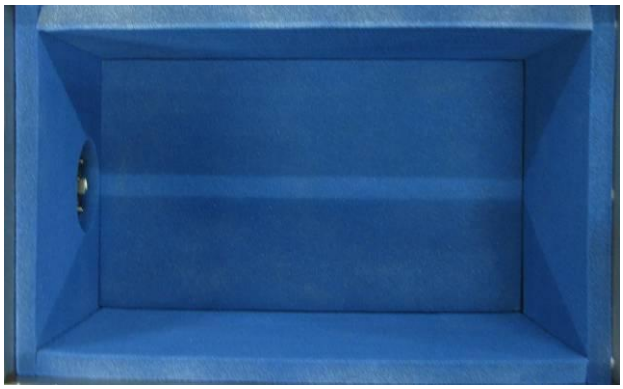
Information presented is subject to change without notice as product improvements are made. Contact EMCTEST or visit our homepage for current specifications.

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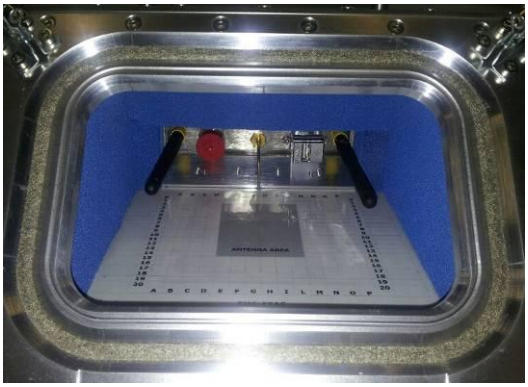
Options





Internal anechoic pyramidal or flat walls





EMC LOG 900-2600 – LTE MIMO – custom or client demand - integrated wideband antennas



FOPT - Fiber Optic Pass Thru





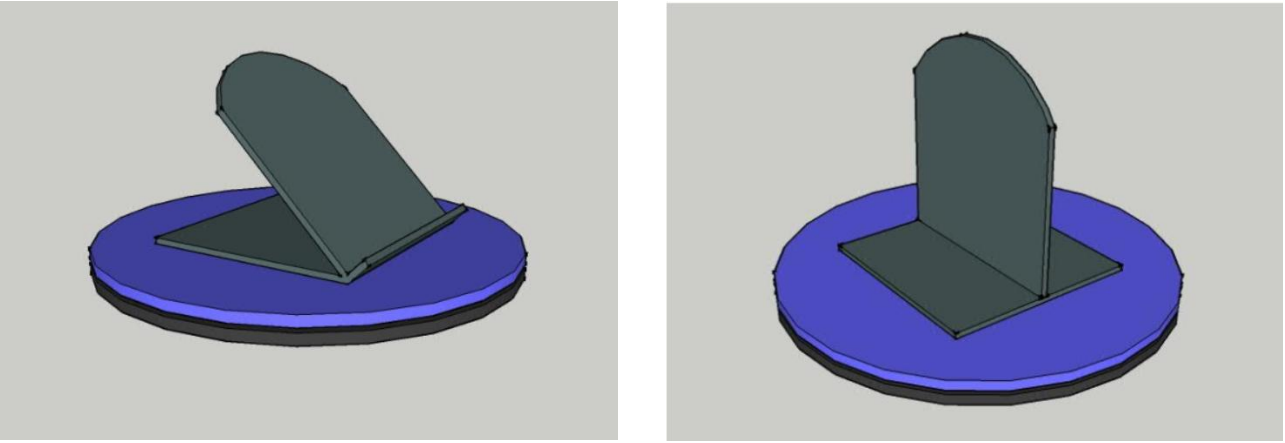
Technical Panels

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Options



SHC-RT-02 - Rotating Table System for OTA measurements



EMC-UWB-PA - ultra-wideband Antenna 0.7 - 26 GHz



EMC-USB-CAM – Shielded USB Camera

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