RF Shielded Containers

Shielded Containers

- Shielded Container isolated from external WiFi, Radio, Television, GSM, GPS, LoRa, Bluetooth, 4/5G Signals.
- Available in ISO 20ft and 40ft standard, high cube and bespoke (non-ISO) sizes.
- High aesthetic "office style" interiors.
- External appearance of a standard shipping container.
- Individually configurable to exact requirements.
- 5G ready.
- UK based and UK owned SME company.

Limitless Possibilities

All our Shielded Containers start with you. Individually designed and specified to your exact requirements, Global EMC offers a complete and bespoke service to ensure that each solution matches the unique needs of each project.

Based upon an ISO-sized container or built to custom dimensions, the container retains most of its exterior appearance whilst providing a shielded enclosure within. All G2000 containers feature external environmental protection and are suitable for transportation by sea or road and can be stored outdoors.

The shielding provides an inert environment inside the container, with performance greater than that recommended in the TEMPEST standard. Shielded vestibules can also be provided to allow personnel to enter or exit the container whilst maintaining its shielding effectiveness.

CHOOSE THIS TEST CHAMBER FOR

Isolated environment free from external Wifi, Radio, Television, GSM, LoRa, Bluetooth, 4/5G Signals. The container can also be used to prevent electronic devices inside the container from connecting to ambient wireless signals, such as a mobile phone signal.

Electronic Devices
Effectively prevents any mobile phone or SIM-enabled device inside the shielded room from connecting to an external cellular or WiFi network. Independently tested and verified to ensure impartial certification of shielding effectiveness.

Isolation
Removal of unwanted ambient background signals and noise, to allow an environment free from electromagnetic interference.

Military Use
Shielding Performance greater than TEMPEST.

EMP Protection
Optional capability to provide lightning, EMP, NEMP and Solar flare protection.

5G Mobile Signal
5G mobile phone shielding ready.

Internal Aesthetics

Designed for practicality and comfort, G2000 containers feature a standard internal finish. LED lighting and emergency lighting are provided along with hot & cold heating and airflow control. Mains power sockets with USB charging ports are mounted in compartment trunking for flexibility and future-proofing.

Walls and ceiling are finished in a cleanable surface. Floors can be finished in a variety of materials including carpet, vinyl tiling or anti-static tiling.

Further internal requirements can be accommodated. These include external CCTV, fire detection, data points, 'in-use' light systems and access control.

SHIELDED CONTAINERS

High performance shielding as standard. Tested to EN 50147-1 or IEEE 299.

ISO Sizes for commercial shipping.

Office style internal finish for comfort and wellbeing.

Optional design for shielding up to 40GHz.

Specialist internal linings such as acoustic and bullet protection.

Shielding surpasses the requirements of TEMPEST and SDIP.

Designed and manufactured to the highest standards in Great Britain.

3m, 5m and 10m measuring distance.

Bespoke size containers available.

Access control and external shipping approved locking.

For more information on our Shielded Containers, please email us at Info@globalemc.co.uk

MADE*in* BRITAIN

SCAN ME

Info@globalemc.co.uk

www.globalemc.co.uk

+44 (0)1623 755539