

Ag

Cu

Ni

Sn

Shieldex® RF Shielding Enclosures

Standard and tailor-made solutions



Our Shieldex® RF Shielding Enclosures are the best choice for laboratory testing and measurements. Due to their flexible and light laboratories, our enclosures are portable and can be setup or taken down without any effort in a short time. The size is flexible: Even large-scale projects like the Mars Rover project for NASA and for OHB have been realized successfully.

General Information

Pre-Compliance testing for **electromagnetic compatibility** can be carried out directly at your location. The expensive and complicated transportation of objects to electromagnetic test labs, usually in external institutions, becomes unnecessary.

The **size** as well as the fabric and configuration of the Shieldex® RF Shielding Enclosure will be designed related to your requirement. Your Shieldex product can come with required doors, ventilation system, I/O panels, filter box and many more.

Technical Specification

Series

T-Series: Table Top, 752 x 1362 x 752mm (LxWxH)

P-Series: Shielding Enclosure, 2390 x 2390 x 2300mm (LxWxH)

C-Series: Customized Shielding Enclosure.

We manufacture according to your requirements.

Description of material

Ag/Cu/Ni/Sn plated Nylon fabrics

Double or triple layer

Special characteristic: black, non-oxidizing outer wall

Shielding effectiveness

Average up to 95 dB from 0.03 - 40 GHz

Measurement Standard: IEEE 299/2006

Interference Immunity

600 V/m (passed)

Temperature range

- 30 °C to 90 °C

Cleanroom compatibility

Realization of RF Shielding Enclosures up to cleanroom class ISO5

Applications

- Pre-Compliance Testing
 - Computer and Cell Phone Forensics
 - Testing cars, satellites, computers, and control systems
 - Shielding of measuring devices, e.g. during ESD tests
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T-Series
752 x 1362 x 752mm



P-Series
2390 x 2390 x 2300mm



C-Series
Customized according to
your requirements



Additional Features

Our range of additional features includes a variety of options.

Frame

BOSCH® aluminum frame
Michelin Inflatable frame
Rollable frame
Halo frame

Floor

Textile floor (Tarpaulin)
Aluminum panel

Opening mechanism

Textile door
Lift wall

And many more

Power Filter Box
I/O Panel with connectors
Ventilation system
Lighting
Endoscopes
Absorber trolleys
Outdoor covers for outdoor applications
Acoustic enclosures
Internal partitions
ESD inner curtains
Storage boxes
Components for ante chambers

Advantages

- Warranty
- Made in Germany
- Cost effective
- Portable and space saving
- Flexible and light laboratories
- Hand- and custom- made
- In-house studio

Services (optional)

- Installation service (setup & dismantling)
 - Retrofit service
 - Repair service
 - Rental service
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Did we spark your interest ?

More information can be found on our detailed data sheets.
Please do not hesitate to contact us at any time.