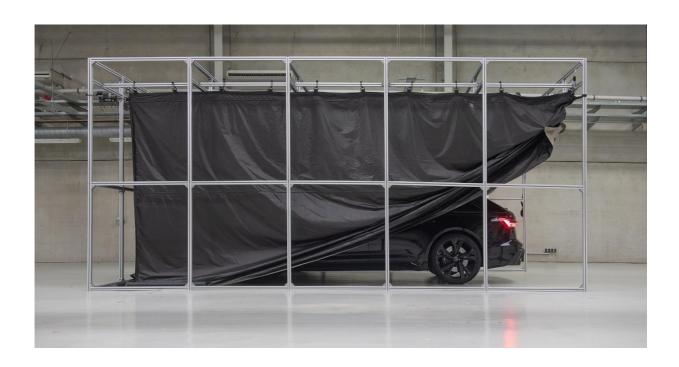


## Shieldex® RF Shielding Enclosures

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

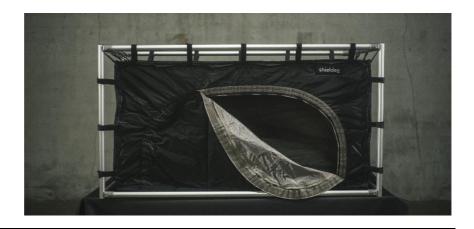
#### Cleanroom compatibility

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

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

And many more
Power Filter Box

Michelin Inflatable frame I/O Panel with connectors Rollable frame Ventilation system

Rollable frame Ventilation system
Halo frame Lighting

Floor Endoscopes Absorber trolleys

Textile floor (Tarpaulin) Outdoor covers for outdoor applications

Aluminum panel Acoustic enclosures
Internal partitions
Opening mechanism ESD inner curtains
Textile door Storage boxes

Lift wall 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

### 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.