CUSTOM FARADAY CAGE

OVERVIEW

Herzan custom faraday cages are designed to protect a wide variety of instruments from ambient RFI/EMI noise, delivering user-specific, cost-effective solutions.

The material selected combines highly conductive copper and corrosion resistant nickel to deliver a solution that is light weight and uniform in appearance with its woven shielded material. Herzan faraday cages offer excellent surface conductivity, shielding effectiveness, and reflectivity for a variety of applications.

Each faraday cage is built-to-order, meaning the exact research requirements will be considered to ensure optimal EMI cancellation across a broad frequency spectrum. Contact us today and share your challenge to solve the EMI noise in your environment!

FEATURES

- **Excellent Attenuation:** Provides reduction over a broad frequency range
- **Reduces EMI Contamination:** Shields your sensitive application from environmental electromagnetic interference
- **Innovative Design:** Combines a lightweight aluminum frame with an ultra-fine conductive mesh shell
- **Versatile:** Flexible design suitable for a wide range of applications
- **Easy Access:** Easily removable shell with hook and loop doors

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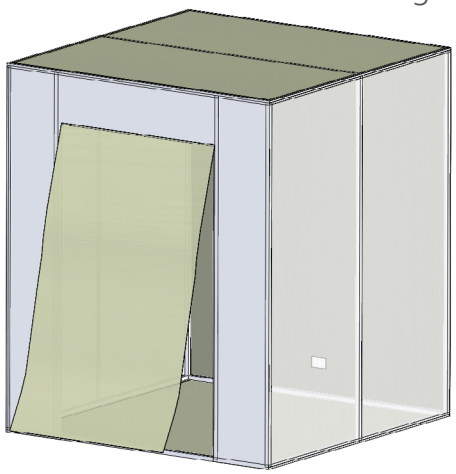
Environmental Solutions for Nanotechnology

APPLICATIONS

- Product Testing
- WiFi Testing
- Electrophysiology
- Frequency Testing
- Instruments Sensitive to Magnetic Fields



Custom walk-in faraday cage

PERFORMANCE

Frequency (MHz)	EMI Reduction (dB)
50	81
100	76
500	78
1,000	77
2,500	80
5,000	85
10,000	90

STANDARD FARADAY CAGE MODELS

MODEL	DIMENSIONS	FEATURES
FC-222	W 24" x D 24" x H 24"	6-Sided, Removable Front Door, Cable Port
FC-333	W 36" x D 36" x H 36"	6-Sided, Removable Front Door, Cable Port
FC-444	W 48" x D 48" x H 48"	6-Sided, Removable Front Door, Cable Port
Custom	Your Instrument Size	Whatever is needed

When determining the right faraday cage for your instrument or application, review the total external dimensions of the instrument to ensure sufficient room is available for maximum EMI isolation. Additional items to consider when choosing the features of your faraday cage:

- What level of reduction is needed across what frequency ranges?
- Is it preferred to have the faraday cage five or six sided?
- What accessibility requirements are needed?
- What cable port requirements are needed?

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