

# QC3 Compact

## 3 Meter Compact Fully Anechoic EMC Chamber

The QC3 Chamber is a shielded room designed specifically for emission and immunity testing of electrical products. The QC3 features a 3-meter testing distance, a combination of ferrite and hybrid pyramidal absorbers for acoustic damping, and a modular construction system for simple disassembly and transport. QC3 Chambers are also equipped with LED ambient lighting and EMC protection, with the option of TEMPEST shielding. Our chambers are available in any size and can be custom designed with various materials and colors.

### Key Features

- Modular Panel System
- Shielded EMC Doors
- Ferrite and Hybrid Absorbers
- Fully Customizable
- Meets Industry Standards
- EMP GRIDLOCK™ Technology

### High-Absorption Environment

Faraday Defense chambers provide an interference-free and simulated free-space environment. We design this highly customized product based on our clients' specifications and according to the absorption they require. With many available add-on options, we guarantee optimal performance and client satisfaction.

## Additional Options

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- Acoustics damping
- LED ambient lighting
- Air conditioning
- Test benches
- Turntable
- Fire detection
- DC Sockets
- Filters & Audio communication
- RF vestibules
- RF power line filters
- Internal electrical distribution
- RF signal filters
- Honeycomb waveguide air vents
- Bulkhead connector panels
- Waveguide pipe penetrations
- Custom frequency ranges

## Shielding Performance

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<b>Magnetic</b>	55 dB @ 10kHz; 95dB @ 200kHz; 100 dB @ 1 MHz.
<b>Electric</b>	100 dB from 15 kHz to 100 MHz
<b>Planewave</b>	100 dB from 100 MHz to 1 GHz
<b>Microwave</b>	100 dB at 10 GHz
<b>Full Compliant Emission</b>	CISPR 16-1-4
<b>Full Compliant Immunity</b>	IEC/EN 61000-4-3

## Two-Year Warranty

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All Faraday Defense chambers come with a two-year limited warranty against defective materials and craftsmanship and to retain the specified RF shielding effectiveness.