

TEST ENCLOSURE MODEL 5230



ETS-Lindgren's Model 5230 Tabletop RF Test Enclosures are designed for precise DUT measurements that require high levels of shielding, such as mobile phone testing, including R&D, 5G, and Bluetooth applications. The 5230 series features welded construction and doors equipped with user-friendly, progressive RF gasket compression mechanisms, providing up to 120 dB of RF isolation at frequencies above 10 MHz. The spacious interior and zero-perimeter doors maximize the test volume, accommodating larger DUTs.

This series now offers standard configurations with faster lead times compared to custom solutions. These configurations include options for RF anechoic lining (absorber or ferrite tile), RF waveguide vents for cooling, and removable feedthrough panels for power and signal lines.

Custom enclosures are also available, offering features such as frequency specific RF coupling devices (antennas), automated DUT positioning fixtures, interior lighting, and CCTV cameras.

MODEL 5230

- Up to 120 dB RF Isolation
- Standard Configurations for Faster Delivery
- Improved Accessibility with Larger, Zero Perimeter Door
- Easy Open/Close Progressive Latching
- Large Working Interior
- General Purpose RF Testing
- Custom Configurations Available

Standard Configuration

- High Performance Welded Shielded Enclosure
- RFHO-60 Door
- Standard Connector Panels Available

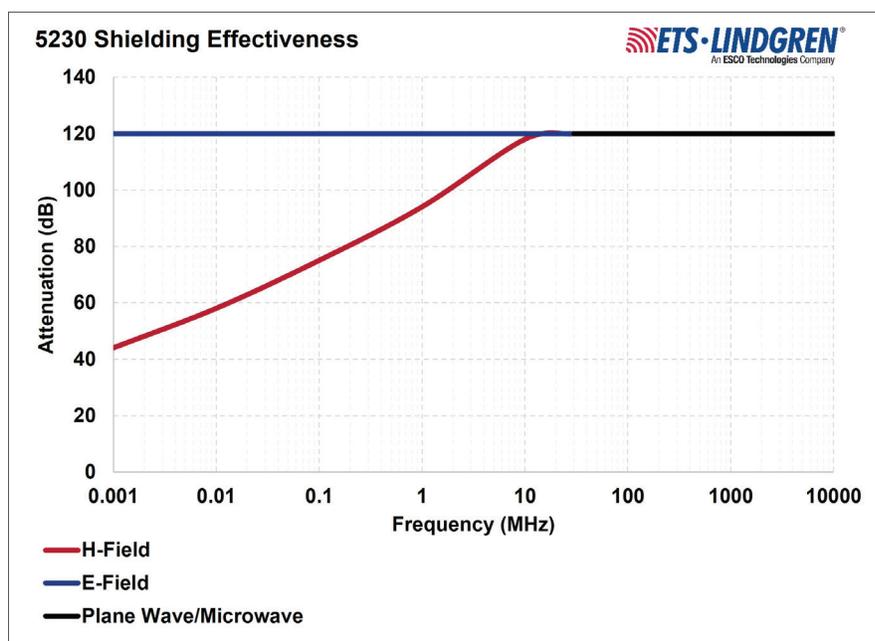
Options

- Custom Size Available
- Electrical Filters for AC and/or DC Inlet
- Absorber or Ferrite Tile RF Anechoic Lining
- RF Waveguide Cooling Vent
- Removable Feed Through Power and Signal Line Panels
- Viewing Ports
- Swing, Sliding, or Pneumatic Door Operations Available
- Available in Various Colors

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Technical Specifications

Performance	
Magnetic Field	44 dB @ 1 kHz; 58 dB @ 10 kHz; 94 dB @ 1 MHz; 120 dB @ 30 MHz
Electric Field	120 dB from 1 kHz to 30 MHz
Plane Wave	120 dB @ 30 MHz to 1 GHz
Micro Wave	120 dB @ 1 GHz to 10 GHz



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Product Configurations

P/N	Construction	Dims	RFHO-60 Door Opening
5230-18	Welded	450 mm x 450 mm x 450 mm (17.7 in x 17.7 in x 17.7 in)	370 mm x 370 mm (14.5 in x 14.5 in)
5230-24	Welded	600 mm x 600 mm x 600 mm (23.6 in x 23.6 in x 23.6 in)	520 mm x 520 mm (20.5 in x 20.5 in)
5230-30	Welded	750 mm x 750 mm x 750 mm (29.5 in x 29.5 in x 29.5 in)	670 mm x 670 mm (26.4 in x 26.4 in)
5230-36	Welded	900 mm x 900 mm x 900 mm (35.4 in x 35.4 in x 35.4 in)	820 mm x 820 mm (32.3 in x 32.3 in)

With Absorber on All Six Sides

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5230-36	Welded	900 mm x 900 mm x 900 mm (35.4 in x 35.4 in x 35.4 in)	820 mm x 820 mm (32.3 in x 32.3 in)

Exterior Color (Standard): White RAL9010

Panel Options

Panel A	Panel B	Panel C	Panel D
200 x 200mm	P/N	P/N	P/N
2x N Type	2x N Type	2x N Type	2x N Type
2x SMA	2x SMA	2x SMA	2x SMA
1x FTWG 25mm with Caps			
1x WGF-6	1x WGF-6	1x WGF-6	1x WGF-6
	1x AC Power Supply	1x AC Power Supply	1x AC Power Supply
		1x USB interface	1x USB interface
			1x LAN/Ethernet

* Custom sizes/configurations are available. Contact your local sales representative for more information.