

5240 TABLETOP TEST ENCLOSURES

ETS-Lindgren's Series 5240 RF-Shielded Tabletop Test Enclosures are high performance, portable shielded enclosures designed for fast, convenient EMI/RFI testing and repair.



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The 5240 Series consists of four standard, space-saving sizes, including 450 mm x 450 mm (18 in x 18 in), 600 mm x 635 mm (24 in x 25 in), 750 mm x 787 mm (30 in x 31 in), and 900 mm x 864 mm (36 in x 34 in), as well as custom sizes to suit any test and repair environment.

Key Features

- **High Performance RF-Shielded Test Enclosure**
- **Tabletop Configuration Standard; Custom configurations available upon request**
- **Ease of Operation in a Compact, Portable Format**
- **High-performance 24 oz Copper Shielding Construction**
- **Maximum Performance Double Electrically Isolated (DEI) RF Door with Toggle Action Over Center Draw Latches with Single Action Uni-Handle**
- **Quick Delivery: Standard Offerings Available in 4-5 Weeks ARO**
- **Custom Sizes Available Upon Request**

Specifications

Electrical Specifications

Shielding Performance:

- 120 dB+ @ 1 MHz - 1 GHz
- 100 dB+ @ 1 GHz - 2.4 GHz
- 100 dB+ @ 5.8GHz - 10 GHz

Physical Specifications

| Model | Dimensions *(O/D) L x W x H | Opening Dimensions* | Opening Type | RF Seal Type |
|---------|--|---|----------------------------|---------------------------------|
| 5240-18 | 450 mm x 450 mm/DEC Type (18 in x 18 in/DEC Type) | 250 mm x 250 mm/DEC Type (9 in x 9 in/DEC Type) | Front Swing Door | Double Electrical Contact |
| 5240-24 | 600 mm x 635 mm x 600 mm (24 in x 25in x 24 in) | 450 mm x 450 mm/DEC Type (18 in x 18 in/DEC Type) | Front Latching Plate | Double Electrical Contact |
| 5240-30 | 750 mm x 787 mm x 750 mm (30 in x 31 in x 30 in) | 600 mm x 600 mm/DEC Type (24 in x 24 in/DEC) | Front Swing Door | Double Electrical Contact |
| 5240-36 | 900 mm x 864 mm x 900 mm (36 in x 34 in x 36 in) | 600 mm x 600 mm/DEC Type (24 in x 24 in/DEC) | Front Swing Door | Double Electrical Contact |

* Custom sizes are available upon request.

Other Specifications

P/N 5240-18-LH (RH)

24oz. Copper Table Model Enclosure Nominal OD: (450 x 450 x 450mm) 18" x 18" x18" OD

Internal Dimension: 12.0" x 10.5" x 12.0" (304 x 266 x 304mm)

Includes the following:

- 1EA 12" x 12" (300 x 300mm) DEC High Performance Door
- 2-1/4" Blue Flex-Sorb Absorber Lining (6-sides)
- 1EA E-EQ-2010/PEN 10 amp 2 wire power filter with cord
- 1EA AC Duplex receptacle mounted inside
- 2EA 4" x 4" waveguide air vents
- 1EA 80 CFM exhaust fan with power cord
- 1EA Ground Stud
- 1EA 12" x 12" removable connector panel (blank)

Nominal Weight: 185 lbs.

P/N 5240-24-LH (RH)

24oz. Copper Table Model Enclosure Nominal OD: (600 x 635 x 600mm) 24" x 25" x24"

Internal Dimension: 19.0" x 16.5" x 18" (482 x 419 x 457mm)

Includes the following:

- Door 18" x 18" (450 x 450mm) DEC High Performance Door with Uni-Handle
- 2-1/4" Blue Flex-Sorb Absorber Lining (6-sides)
- 1EA E-EQ-2010/PEN 10 amp 2 wire power filter with cord
- 1EA AC Duplex receptacle mounted inside
- 2EA 4" x 4" waveguide air vents
- 1EA 80 CFM exhaust fan with power cord
- 1EA Ground Stud
- 1EA 12" x 12" removable connector panel (blank)

Nominal Weight: 265 lbs.

P/N 5240-30-LH (RH)

24oz. Copper Table Model Enclosure Nominal OD: (750 x 787 x 750mm) 30" x 31" x30"

Internal Dimension: 25.0" x 22.5" x 24.0" (635 x 571.5 x 609mm)

Includes the following:

- Door 24" x 24" (600 x 600mm) DEC High Performance Door with Uni-Handle
- 2-1/4" Blue Flex-Sorb Absorber Lining (6-sides)
- 1EA E-EQ-2010/PEN 10 amp 2 wire power filter with cord
- 1EA AC Duplex receptacle mounted inside
- 2EA 4" x 4" waveguide air vents
- 1EA 80 CFM exhaust fan with power cord
- 1EA Ground Stud
- 1EA 12" x 12" removable connector panel (blank)

Nominal Weight: 365 lbs.

P/N 5240-36-LH (RH)

24oz. Copper Table Model Enclosure Nominal OD: (900 x 864 x 900mm) 36" x 34" x 36"

Internal Dimension: 28.5" x 28.0" x 30.0" (724 x 711 x 762mm)

Includes the following:

- Door 24" x 24" (600 x 600mm) DEC High Performance Door with Uni-Handle
- 2-1/4" Blue Flex-Sorb Absorber Lining (6-sides)
- 1EA E-EQ-2010/PEN 10 amp 2 wire power filter with cord
- 1EA AC Duplex receptacle mounted inside
- 2EA 4" x 4" waveguide air vents
- 1EA 80 CFM exhaust fan with power cord
- 1EA Ground Stud
- 1EA 12" x 12" removable connector panel (blank)

Nominal Weight: 440 lbs.

Product Charts

Shielding Performance:

- **120 dB+ @ 1 MHz - 1 GHz**
- **100 dB+ @ 1 GHz - 2.4 GHz**
- **100 dB+ @ 5.8GHz - 10 GHz**

