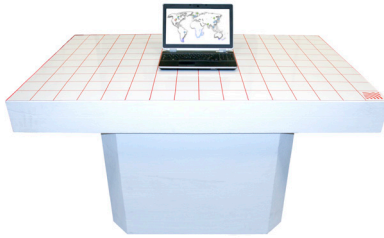


POSITIONING EQUIPMENT LOW DIELECTRIC TABLE



MODELS LDT-1.2, LDT-1.5

- For Radiated Emissions Measurements
- Minimal Measurement Influence
- EUT Placement Grid (10 cm²)
- Distributed Load Capacity of 100 kg (220 lb)
- Durable Construction

ETS-Lindgren's Low Dielectric Tables (LDT) are lightweight, portable test tables, constructed with materials selected for their low dielectric properties. The construction materials for the EUT's support surface have a dielectric constant of <3.0, with each table's support structures having a dielectric constant of <1.03. The result is a table having virtually no influence on radiated emissions measurements, especially above 1 GHz, where frequencies are affected most.

For ease of use and accurate EUT positioning, an EUT placement grid is integrated onto the test table top.

The results were measured in accordance with CISPR 16-1-4 (Section 5.5; how to evaluate the test table's effect on radiated emissions measurements from 200 MHz to 18 GHz). The tests were performed in a validated 3-meter semi-anechoic chamber.

LDT Tables are available in two sizes; 1.2 m x 1.0 (Model LDT-1.2) and 1.5 m x 1.0 m (Model LDT-1.5). Both test tables have a load capacity of 100 kg (220 lbs). Custom sizes are available; please contact ETS-Lindgren for details.

Both LDT models are designed to be used with a 1.2 m diameter or larger turntable.

Standard Configuration

- EUT Test Table Assembly

Technical Specifications

Electrical

Dielectric Constant, Base and Table	< 1.03
Dielectric Constant, Grid Laminate	< 3.0

Physical: LDT-1.2

Length	120.0 cm 47.2 in
Width	100.0 cm 39.4 in
Height	80.0 cm 31.5 in
Load Capacity	100.0 kg 220.0 lbs

Physical: LDT-1.5

Length	150.0 cm 59.1 in
Width	100.0 cm 39.4 in
Height	80.0 cm 31.5 in
Load Capacity	100.0 kg 220.0 lbs

POSITIONING EQUIPMENT LOW DIELECTRIC TABLE

Typical Performance
up to 6 GHz

6 GHz to 18 GHz
Data Available Upon
Request

