

Delphi Customer Technology Centre Luxembourg Shaker Testing Laboratory

The Shaker Testing Laboratory at the Delphi Customer Technology Centre Luxembourg offers the following facilities:

- Electrodynamic shaker
- Hydraulic shaker
- Environmental chambers

Services at the Delphi Customer Technology Centre Luxembourg are performed by a highly trained and experienced staff that understands the challenges facing manufacturers today. The services are conducted according to industry standards, and are designed to meet individual customer schedules and enable competitive costs.

► Operational Parameters

- Electrodynamic Shaker:
 - Cycle rate: 5 Hz to 2 kHz
 - Maximum force: 58 kN peak
 - Maximum displacement: 18 mm peak to peak
 - Slip table size: length 91 cm, by width 91 cm
 - Random/Sine/Sine on Random
- Hydraulic Shaker:
 - Cycle rate: 5 Hz to 300 Hz
 - Maximum force: 38.6 kN
 - Maximum velocity: 1.2 m/s
 - Maximum displacement: 65 mm peak to peak
 - Slip table size: length 1 m, by width 0.8 m
 - Laser shaker control system: DACTRON
- 40 Environmental Chambers:
 - Temperature: from -60°C to 180°C
 - Humidity: from 10% RH to 98% RH
 - Temperature change rate:
 - 5°C/min with 25 kg specimen
 - From 40°C to 140°C
 - Maximum volume:
 - 1,100 dm³
 - Length 0.98 m, by width 1.09 m, by height 1.1 m

► The Delphi Advantage

Delphi's Customer Technology Centre Luxembourg is conveniently located near European customers in the design, development, testing and validation of their products. It is certified to ISO/TS 16949 Standard for Supplier Quality Management Systems. It is part of Delphi's network of state-of-the-art technical centers around the world.



Electrodynamic Shaker at Delphi Customer Technology Centre Luxembourg



Hydraulic Shaker

Delphi is a leading global supplier of a broad range of technologies with manufacturing facilities located in more than 30 countries. Delphi's products are engineered to meet the rigorous standards of the automotive industry, but Delphi technologies are also used in many other industries. We leverage a rich heritage and extensive technical knowledge to offer customers an array of innovative, cost competitive solutions.

► Contact Information

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Environmental Chamber