

Delphi Customer Technology Centre Luxembourg Component Testing Laboratory

The Component Testing Laboratory at the Delphi Customer Technology Centre Luxembourg provides several testing services, including:

- Salt spray and sea water acetic acid for corrosion
- Thermal shock for extreme temperatures
- Environmental chambers for durability at different temperatures and humidity conditions

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

- Salt Spray and Sea Water Acetic Acid Test (S.W.A.A.T.):
 - Maximum volume: 1,000 liters
 - Humidity range: from 15% RH to 98% RH, from ambient to saturation
 - Chamber maximum temperature: 60°C
 - Spray maximum temperature: 74°C
- Thermal Shock Test Stand:
 - Temperature: from ambient to -60°C, and to 160°C
 - Relative humidity: from 40% to 98%
 - Volume of the basket: 1,000 liters
- Environmental Chambers:
 - Maximum size: length 950 mm, by width 1,100 mm, by height 1,495 mm (1,560 liters)
 - Temperature: from -60°C to 180°C
 - Humidity range: from 15% RH to 98% RH ($\pm 2\%$ RH)
 - Temperature change rate: 4°C minimum, from -30°C to 150°C

▶ 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.



Salt Spray and Sea Water Acetic Acid Test (S.W.A.A.T.) at Delphi Customer Technology Centre Luxembourg



Thermal Shock Test Stand

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