



LABORATORY CAPABILITIES



Standards

With the capability to perform Individual tests or a complete sequence according to the applicable standard such as:

- USCAR-2
- USCAR-15
- USCAR-21
- GMW3191
- Customer Requirements.

Our team's experience in the automotive industry allows us to analyze and interpret requirements to deliver results with the desired quality and confidence.

Tests

Cemm Mex's infrastructure gives us the opportunity to make:

- Mechanical
- Environmental
- Vibration
- Electrical tests
- Reverse engineering

Equipment available.

- **Climatic Chamber**
-40°C to 190°C
- **High Pressure Test Chamber**
Water spray angles: 0°, 30°, 60° and 90° to Fan Jet Nozzle and 45° to Fan Spray Nozzle.
- **Temperature & Humidity Chamber**
Temperature: -40°C to 190°C & Relative Humidity: 0% to 100%
- **Thermal Shock Chamber**
Hot Chamber: 25°C to 210°C & Cold Chamber: -75°C to 190°C
- **CMM**
Work Area Dimensions x: 900 mm, y: 1200 mm and z: 800 mm
- **Oven**
23°C to 300°C
- **Electrodynamic Shaker**
Force Peak (LBF): 2205, Acceleration RMS (gn): 60, Max. Velocity (in/s): 78.7
- **Force Gauge**
0 to 500 N
- **3D Scanner**
8 Million points per scan & measuring area (mm²) of 100 x 70 – 500 x 370



HUMIDITY



THERMAL



VIBRATION



FORCE



METROLOGY



PRESSURE



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