

# COMPONENT TEST LABORATORY



Visteon European Test Operations offer a broad range of testing services and solutions to meet your testing requirements. Test facilities include sophisticated Powertrain test cells, AEMCLRP accredited EMC laboratories, audio acoustic development facilities, extensive climatic test facilities and unique laser airflow measurement capability. Test facilities are located in Basildon, England and Kerpen, Germany.

Located in the Visteon Technical Centre in the UK, the Component Test Lab houses a number of small capacity chambers and ovens suitable for development testing, root cause analysis & pre-test aging. The facility also houses a Vacuum Test Rig which can be used to accurately measure leakage rates as well as a component/test sample preparation area. The lab has data logging capability and can provide detailed test reports when required.

## OVENS AND CHAMBERS

- 6 programmable temperature chambers. Temperature range, -60 to +200 degrees C. Internal Capacity range, 500 x 500 x 500 mm to 1000 x 1000 x 1000 mm.
- 5 Ovens, Temperature ranges up to 300 Degrees C. Internal capacity range between 500 x 500 x 500 mm, to W1200, D500, H900 mm.

## VACUUM RIG

- Direct drive vane vacuum pump, 22.3 Cubic feet per minute (cfm)
- Ultimate Vacuum 7.5 x 10 – 4 Torr.
- Leakage measurements range from 5cc/minute to 100l/minute.

## COMPONENT PREPARATION AREA

- Instrumentation of test samples and data logging equipment.
- Secure test sample storage area.



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