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COMPONENT/SPECIAL TEST

TESTING SOLUTIONS

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COMPRESSOR  
TEST FACILITY  
(ANECOM AEROTEST)

## CUSTOMER

AneCom AeroTest  
Wildau, Germany

## FACILITY TYPE

Gas Turbine Compressor Research  
& Development Test Facility

## COMPRESSORS:

High Pressure: single-flow compressors up to 20,000 rpm and air flows up to 35 kg/sec

Intermediate Pressure: single or split-flow compressors up to 15,000 rpm and air flows up to 200 kg/sec



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## DESCRIPTION

MDS designed and supplied a Compressor Test Centre (CTC) for complete aerothermal and noise testing of compressor components.

AneCom AeroTest offers a complete package of services for aerodynamic development testing of gas turbine components, with a focus on gas turbine compressors.

## SCOPE OF WORK

- ▶ Inlet and exhaust systems;
- ▶ Aerodynamics and acoustics;
- ▶ Intake and exhaust systems;
- ▶ Anechoic chamber;
- ▶ Hydraulic control and lubrication systems;
- ▶ Driveline System;
- ▶ Three test beds to support several sizes and configurations of compressor test vehicles;
- ▶ Prime mover and compressor control system;
- ▶ PLC-based facility control system;
- ▶ EDAS data acquisition and control systems;
- ▶ Dynamic Data Acquisition System; and
- ▶ Valve Control System (VCS) to control the test article.





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