

VTR 200

Vane flow Test Rig
for variable geometry
turbochargers.



THE TURBO TECHNICS VTR

The **VTR** or **Vane Flow Test Rig** has been designed to measure and adjust the gas-flow through the turbine mechanism of variable geometry turbochargers to match original manufacturer specifications.

The **VTR 200** has been designed for OE and Aftermarket Remanufacture and Repair of variable geometry turbochargers.

Actuator movement is measured and checked against original manufacturer specifications, to ensure the

variable nozzle vanes are operating correctly - a feature only available on the **VTR 200**.

Capability to control pneumatic actuators, including; vacuum, pressure and vacuum with position sensors providing voltage feedback.

Capability to control electronic REA, SREA and CAN actuators, using dedicated driver units, available separately.

ENGINEERED & ASSEMBLED
IN GREAT BRITAIN. EST 1981



TURBO TECHNICS

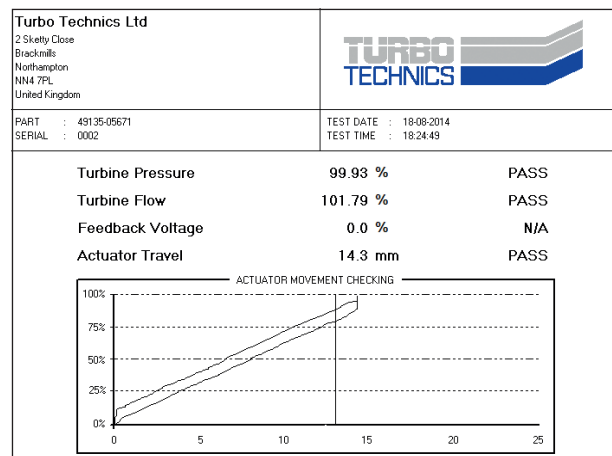
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SPECIFICATIONS

- Turbo Technics designed computer and software
- Includes automatic compensation for atmospheric pressure, providing consistent results in different environments.
- Automatic pressure control to simulate OE test procedures
- Automatic Temperature correction
- Automatic humidity correction
- Quick release turbo mounting system
- Integrated work-bench and with storage
- Comprehensive Turbo Technics approved flow data template database
- Learn facility for customer own data templates
- Internal test data storage
- Integrated noise reduction exhaust
- Internet connection for Turbo Technics data template download, factory diagnostics and software updates
- Certified calibration available, suitable for ISO
- Convenient single phase electrical power connection



Easy to use computer interface, with visual flow data graph, allowing live adjustment during a test to achieve correct flow.



Test data can be saved as a report, which can also be printed to go with the completed turbocharger.

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