

VTR 100

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 100** has been designed for aftermarket remanufacture and repair of variable geometry turbochargers.

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

Turbos which use electronic actuators can also be tested by using an electronic actuator tester, available separately.

ENGINEERED & ASSEMBLED
IN GREAT BRITAIN. EST 1981



TURBO TECHNICS

www.turbotechnics.com

SPECIFICATIONS

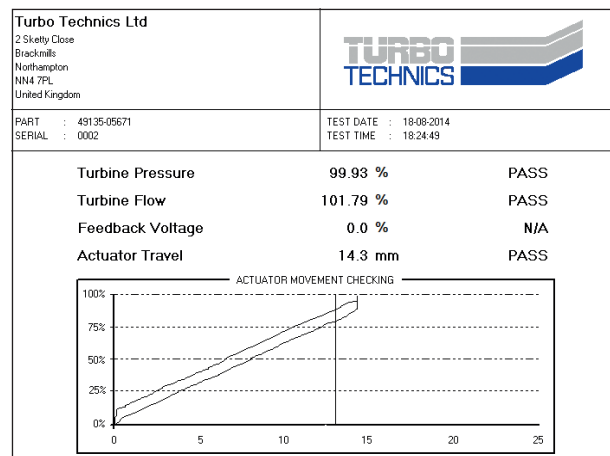
- Turbo Technics designed computer and software
- Includes automatic compensation for atmospheric pressure, providing consistent results in different environments.
- Automatic pressure control to simulate OE test procedures
- Automatic Temperature correction
- Integrated work-bench with Turbo mounting block and rotor lock system to prevent damage to turbo during test
- Comprehensive Turbo Technics approved flow data template database
- Learn facility for customer own data templates
- Internal test data storage
- Integrated noise reduction exhaust
- Built in power supply for Turbo Technics ATP100 electronic actuator tester (available separately)
- Internet connection for Turbo Technics data template download, factory diagnostics and software updates



Optional ATP100 electronic actuator tester



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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