

Turbocharger Flow Test Machine

TQC have produced a number of test stations that allow the setting of turbocharger units. The test requires flow to be passed through the turbocharger variable nozzle / turbine assembly under controlled pressure condition to allow an operator to set the turbocharger.

Machines supplied have been both manually loaded and unloaded and integrated into a pallet transfer system. The testing includes semi-automatic setting with manual tightening with a torque spanner to a known torque carried out to lock the parameters in place.

Key Features

- Flow circuit with closed loop pressure control and measurement of pressure, flow rate and temperature
- Turbocharger mounting fixture on transfer slide with inlet connector, seals, clamps and anti-rotate device
- Exhaust connection system and silencer
- Actuator connector and closed loop pressure/vacuum control system
- Torque wrenches
- Control system and operator interface

