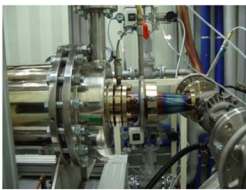
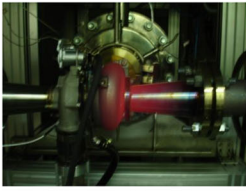


Gas Stand for Turbocharger



- Hot gas generation through combustion chamber for constant pressure and temperature
- Wide Range and Various Application for turbocharger
- Fast data acquisition with RT (Real Time) Controller
- Available Manual test / Full automatic test with requirements
- Precise measuring with coriolis mass flow meter
- Possibility of special test – high pressure in low temperature
- Compact oil / water control cart
- Optimization performance test & thermal shock test and data acquisition & analysis with latest developed Labview program
- Possibility of customized gas stand system
- Low Nox with 2 stage burning system

Capacity Table

Capacity Table of Gas Stand System

Description		JGS 25	JGS 35	JGS 50	JGS 75	JGS 100
Hot Gas Mass Flow Rate (kg/sec)	Design	0.25	0.35	0.50	0.75	1.00
	Normal	0.175	0.245	0.350	0.525	0.700
	Minimum	0.008	0.012	0.017	0.025	0.035
Gas Burner Capacity (kW)	Design	260	360	520	780	1040
	Normal	210	290	420	630	840
	Minimum	4.5	7.5	9	13.5	18
Combustion Method		2 stage Low Nox				
Compressed Air Pressure		800 kPa G at burner inlet				
Fuel Gas Pressure		800 kPa G at burner inlet				
Hot Gas Temperature		1100 °C (optional up to 1200 °C)				
Combustion Method		2 stage Low Nox				
Measuring & Data Acquisition		RT (Real Time) Controller				
Control Software		LabView Software				
Oil Press/Temp/Flow Control		Available Potable/Permanent Oil system				
Water Press/Temp/Flow Control		Available Potable/Permanent Water system				
Thermal Shock Valve system		Available Single/ Double Selection				

System configuration Diagram

