

TURBOCHARGER TEST BENCH (GAS STAND)

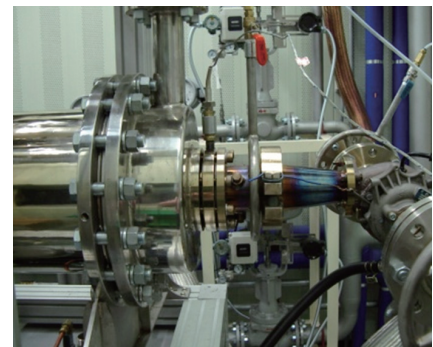
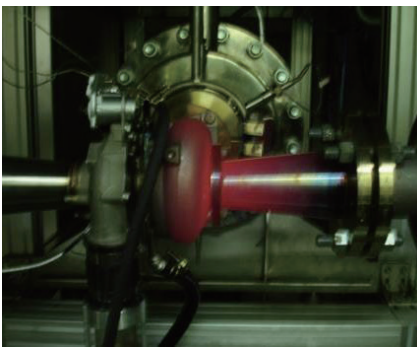
JGS-25

JGS-35

JGS-50

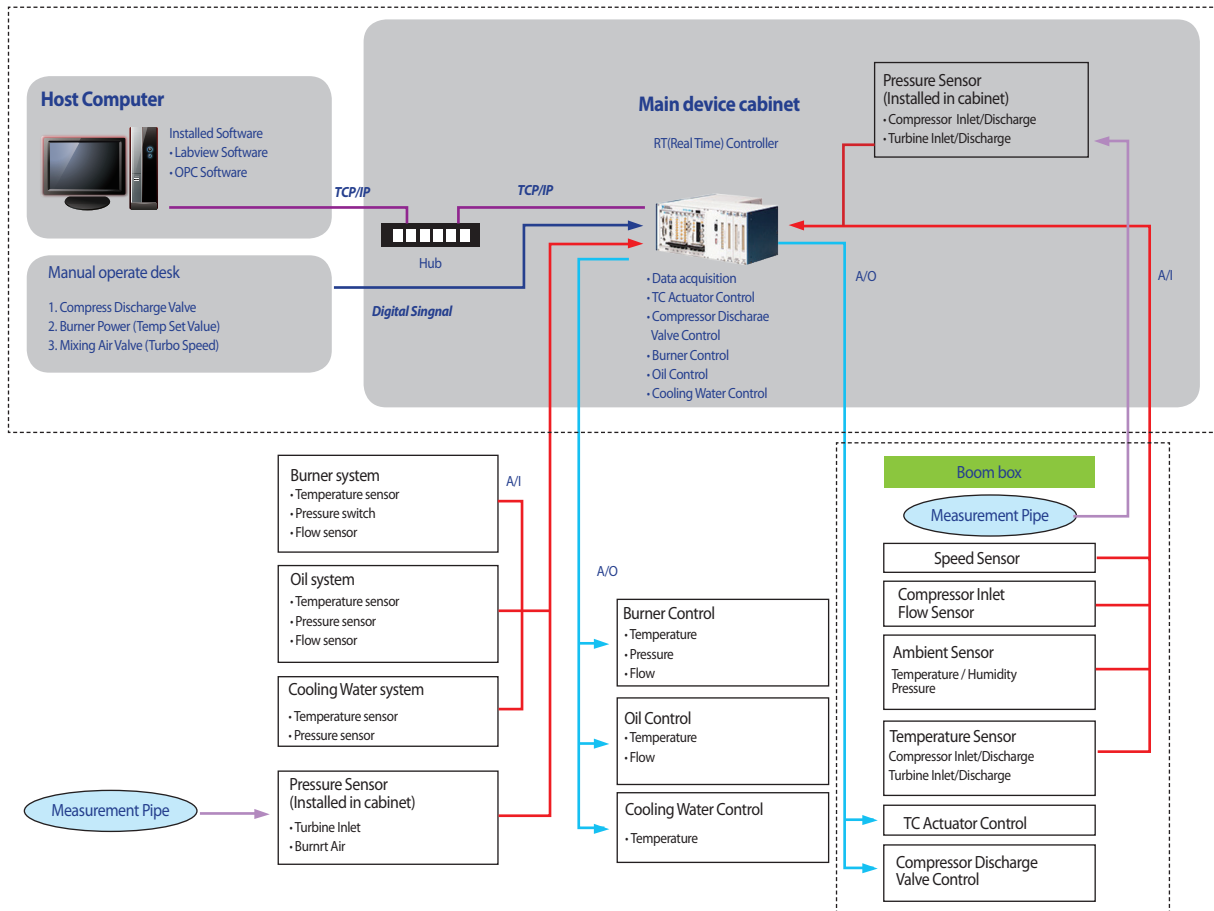
JGS-75

JGS-100



- 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.

| OVERVIEW |



| TECHNICAL DATA |

DESCRIPTION		JGS-25	JGS-35	JGS-50	JGS-75	JGS-100
Hot Gas Mass Flow Rate (kg/sec)	Design	0.25	0.35	0.5	0.75	1.0
	Normal	0.175	0.245	0.35	0.525	0.7
	Minimum	0.008	0.012	0.017	0.025	0.035
Gas Burner Capacity (kW)	Design	260	360	520	780	1,040
	Normal	210	290	420	630	840
	Minimum	4.5	7.5	9	13.5	18
Combustion Method	2 stage Low NOx					
Compressed Air Pressure	600 kPa G (up to 800 kPa G) at burner inlet					
Fuel Gas Pressure	700 kPa G (up to 800 kPa G) at burner inlet					
Hot Gas Temperature	1,100 °C (optional up to 1,200 °C)					
Combustion Method	2 stage Low NOx					
Measuring & Data Acquisition	RT (Real Time) Controller					
Control Software	LabVIEW Software					
Oil Press/Temp/Flow Control	Available Portable / Permanent Oil System					
Water Press/Temp/Flow Control	Available Portable / Permanent Water System					
Thermal Shok Valve System	Available Single / Double Selection					

The descriptions and specifications are subject to change without notice.