Product Name : Computerized Variable Compression Ratio Diesel Engine Test Rig		Product Code : TK954
Description :		
Computerized Variable Com	pression Ratio Diesel Engine Test Rig	
Technical Specification :		
	pression Ratio Diesel Engine Test Rig	

Engine Combustion Pressure Sensor: Piezo-electric 0-100 Bar Crank angle: Rotary 360 PPR Air Measurement: DP Sensor 0-500 mm WC Fuel Measurement: Optical constant volume, fully automatic (0.1 to 10 Kgs/hr) Speed: Encoder 10000 Dynamometer Load: Strain Gauge Load cell Temperature Sensor: "K― Type **Engine Cooling Water Rotameter** Exhaust Gas Calorimeter Cooling Water Rotameter Data Acquisition System: High Speed DAC with 1 mega samples/sec Controls: Fuel injection System with controls Software: Windows Based Engine Combustion Analysis and performance Software, Fuel injection and control software. EGR System A standalone EGR system with facility to electronically change the percentage of EGR to the Engine. The EGR system is provided with the below mentioned measuring instruments. EGR Flow sensors **EGR** Temperature **Turbo Charger** Turbo air charging and air preheating heating unit. The turbo air charging and air preheating heating unit has the facility to change the air flow rate and temperature with respective measuring instruments. Digital Manometer. Air Temperature. Manifold Gas Injection Intake gas pressure to the System is Greater than 1 Bar lesser than 1.5 Bar Injection Timing Variable 0 to 720° Crank Angle (Controlled from Computer)

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