



### Key Features

- These rigs use an electrical generator or motor to load the engine. They are a good choice for college laboratories as they can also be used to determine a heat balance.
- Includes a single-cylinder, four-stroke diesel engine coupled with an air-cooled eddy current dynamometer. Instrumentation is provided to measure load, temperature, speed, fuel consumption, and airflow.
- Dynamometer, mobile engine test bed with bench-top instrumentation for investigations into the fundamental features of internal combustion engines.
- Enables a wide range of investigations into the characteristics of four-stroke/ single-cylinder Diesel engine (basic and small size engine).
- Providing learning capabilities of
- Measurement of the specific fuel consumption at constant speed and varying power output on an engine.
- Measurement of air-fuel ratio and engine thermal efficiency at constant speed.
- Measurement of the torque - speed and power - speed for an internal combustion engine.
- The test bed fully compatible with Data Acquisition (DAQ) System that enables accurate real-time data capture, monitoring and display, calculation and charting of all relevant parameters on a computer making tests quick and reliable.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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