

**Product Name :**  
Engine Test Bed with Instrumentation Dynamometer**Product Code :**  
ELAB-ENG-01-0010**Description :**

Engine Test Bed with Instrumentation Dynamometer

**Technical Specification :**

The setup consists of three cylinder, four stroke, Petrol (MPFI) engine connected to eddy current dynamometer for loading & is provided with necessary instruments for combustion pressure and crank-angle measurements. These signals are interfaced to computer through data acquisition device for Pe-PV diagrams. Provision is also made for interfacing airflow, fuel flow, temperatures and load measurement.

**EXPERIMENTATION:**

The setup enable study of engine performance for brake power, indicated power, frictional power, BMEP, IMEP, brake thermal efficiency, indicated thermal efficiency,