

**Product Name :**  
Engine Test Bed with Instrumentation Dynamometer

**Product Code :**  
ASTRALAB-SUPPLYA130010



**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,



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