

Product Name :
Engine Test Bed with Instrumentation Dynamometer

Product Code :
LIM-CAT-L0082-00010



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,