

Product Name :
Single Cylinder Engine Test Bed

Product Code :
NLAB-ENGINEERINGLB28003



Description :

Single Cylinder Engine Test Bed

Technical Specification :

Single Cylinder Engine Test Bed Lab Equipments Manufacturer, Suppliers & Exporters Description of Single Cylinder Engine Test Bed:

Two main components form the basis of the test bed. First of all the welded steel baseplate complete with D.C. dynamometer, drive coupling and safety guard, spring type anti-vibration mountings, exhaust silencer, flexible pipe and provision for engine mountings. Secondly the framework/console which is positioned over the test bed carrying all instrumentation and controls, fuel system with flow measurement by burette, air flow measurement system, multi-point temperature indicator together with all the electrical circuits necessary for control of the dynamometer and engine.

Experimental Capability of Single Cylinder Engine Test Bed:

Full and part load performance

Volumetric efficiency

Fuel consumption mixture loops

Air/Fuel ratio

Frictional power losses

Heat balance and energy studies

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