



Email : sales@laboratoryinstrumentindia.com

Product Name :
Single Cylinder Engine Test Bed

Product Code :
LBNY-0005-1680004



Description :

Secondly the framework/console which is positioned over the test bed carrying all instrumentation and controls, air flow measurement system, fuel system with flow measurement by burette, multi-point temperature indicator together with all the electrical circuits necessary for control of the dynamometer and engine. 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.

Features:

- Self-contained teaching facility
- Closed loop speed control
- Torque measurement by load cell
- Regenerative D.C. dynamometer
- Alternative engine types
- Comprehensive instrumentation.

Technical Specification :

Experimental Capability:

- Heat balance and energy studies
- Fuel consumption mixture loops
- Air/Fuel ratio
- Full and part load performance
- Volumetric efficiency

Frictional power losses.



Laboratory Instrument India