

Product Name :
Multi-cylinder Engine Test Beds

Product Code :
NLAB-ENGINEERINGLB28004



Description :

Multi-cylinder Engine Test Beds

Technical Specification :

Multi-cylinder Engine Test Beds Lab Equipments Manufacturer, Suppliers & Exporters Description of Multi-cylinder Engine Test Beds

The test bed incorporates a robust mounting frame to which both the engine and dynamometer are fitted. The frame is fitted with wheels to allow the test bed to be easily moved. The engine is directly coupled to the dynamometer using an inertia matched drive shaft. All rotating parts are protected by fixed guards. The drive shaft guard is interlocked with the Emergency Stop circuit to prevent the engine from use when the guard is removed or open.

Experimental Capability of Multi-cylinder Engine Test Beds

Full and part load measurement of engine parameters to produce:

Power and torque curves

Fuel efficiency plots

Brake mean effective pressure plots

Volumetric efficiency plots

Flow rate and temperature change for oil and coolant

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