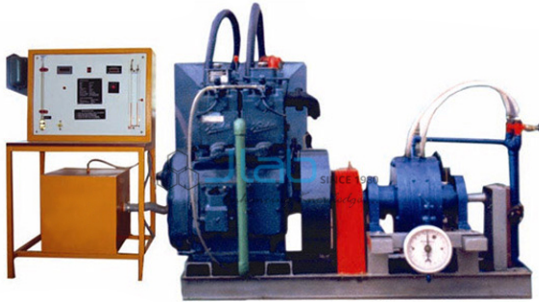


Product Code . JL-FMAHLE-7343



Multi Cylinder Four Stroke Water Cooled Diesel Engine Test Rig

Description

Multi Cylinder Four Stroke Water Cooled Diesel Engine Test Rig

IC engines are widely used in automobile, domestic and industrial sector.

Test rigs are used to find out the performance of an IC engine.

They are classified according to cycle, a number of cylinders, the arrangement of cylinders, fuel used, type of ignition, a valve arrangement, cooling system.

It consists of an IC Engine, dynamometer, fuel measuring, air intake measuring and various other arrangements.

Scope of Experimentations:

To determine specific fuel consumption.

To determine Brake Horse Power.

To determine volumetric efficiency measurement.

To determine mechanical efficiency.

To determine indicated thermal efficiency.

To determine Brake Thermal Efficiency.

Utility Requirements:

Electric Supply

Single Phase, 220 V, 5 Amp.

Continuous Water Supply

10 LPM Approx.

Tachometer

For RPM measurement

Fuel

10 Ltrs.

Floor Area

3m x 2m
