

**Product Name :**  
Two Cylinder Four Stroke Diesel Engine Test Rig

**Product Code :**  
MEE-TEL-0007



**Description :**

Two Cylinder Four Stroke Diesel Engine Test Rig

**Technical Specification :**

Two Cylinder Four Stroke Diesel Engine Test Rig

The test rig is designed to provide self-contained facility for teaching Compression Ignition engine principles.

The equipment is instrumented so that the following experiments could be performed.

Bhp Measurement

Brake Thermal Efficiency

Fuel Consumption Measurement

Air Intake Measurement

Measurement Of Heat Rejected To Water Jacket

Description

Two/Three main components from main parts of the test rig.

Welded steel base plate, complete with A.C. Alternator/Mechanical Brake/ Hydraulic Dynamometer/ Eddy Current Dynamometer, Drive shaft with safe guard and anti vibration mounting.

Resistance loading (Resistance bank) with selector switches to load the engine from no load to full load (as applicable) Panel board positioned over the base plate consisting of fuel system with flow measurement by burette, air flow measurement system, temperature and speed indicator

## **Electrical and Electronics**

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