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Product Name :
Internal Combustion Engines Test Bed

Product Code :
LBNY-0005-11200057



Description :

The Internal Combustion Engines Test Bed is perfectly vibration free and can be installed in any room or laboratory. Engines are quickly and easily installed on the test frame in pairs, to be tested in rapid succession. In its design, all teaching needs have been taken into account, together with practical requirements, in terms of installation and replacement of the engines to be tested.

Internal Combustion Engine Test Bed has been specially designed for use in testing laboratories, and to ensure the greatest possible teaching effectiveness in the field of i.c. engines. A data acquisition and analysis system for Personal Computer, called SAD/End, is available and make it possible to perform several functions automatically taking measurements, displaying torque and power curves on screen or printing them out, filing the test data on disk, or printing them out. The engines are coupled to a dynamometric unit for the determination of torque and power values.

Technical Specification :

The Basic Unit includes the following components:

Control and instrument panel.

Unit for the measurement of intake air flow.

Supporting frame.

Dynamometric unit.

Requirements:

Water discharge

Exhaust gas outlet.

Water supply: 500 l/h - 3 bar.

Electrical power supply: 380 V AC three-phase, 50/60 Hz, 4 kW.



Laboratory Instrument India