

Product Name :
Single Cylinder Two Stroke Petrol Engines Test Bench

Product Code :
ENGLABINGCAG340016



Description :

Single Cylinder Two Stroke Petrol Engines Test Bench

Technical Specification :

FEATURES:

- Control and load unit for single-cylinder internal combustion engines up to, 3 kW.
- Asynchronous motor used as load unit, also as starter motor.
- Determination of specific fuel consumption.
- Determination of volumetric efficiency and lambda (fuel-air ratio).
- Determination of the frictional power of the engine (in passive mode).
- Vibration-insulated base plate for engine mounting.
- Plotting of torque and power curves.
- Stabilisation tank for intake air.
- Measurement and display of torque, air temperature, air intake quantity, negative intake pressure, speed, fuel consumption, fuel temperature.
- Measured value displays for engine: exhaust gas temperature and cooling water temperatures.

SPECIFICATION:

- 230V, 60Hz, 1 phases
- Asynchronous motor as brake
- Power output: approx. 3 kW at 2900min-1

Measuring ranges :

Torque: -50...50Nm
Temperature: 0...900°C
Speed: 0...5000min-1
Fuel consumption: 50cm³/min
Engine intake pressure: -400...0mbar
Air consumption: 0...690L/h



Engineering Lab Equipment India