

**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 :

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Torque: -50...50Nm  
Temperature: 0...900°C  
Speed: 0...5000min-1  
Fuel consumption: 50cm<sup>3</sup>/min  
Engine intake pressure: -400...0mbar  
Air consumption: 0...690L/h



## Engineering Lab Equipment India