

## Heat Engine Lab



**Product Categories:** [Engineering Equipment](#)

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**Product Page:**

<https://www.labappara.com/product/two-stage-air-compressor-test-rig/>

### Product Description

#### Two Stage Air Compressor Test Rig - Engineering Equipment

Heat Engine Lab unit consist of one experimental type two stage reciprocating air compressor air cooled inter cooler, suitable for a pressure of 12 kg/ Cm<sup>2</sup> & having a displacement of 0.168 M<sup>3</sup> /min. driven by squirrel cage induction motor of 2 H.P. Energy meter & stopwatch to determine the input to the motor. The above motor suited for 400/440 V. 3 ph. 50 cycles A. C. supply. The motor is provided with switch & starter.

#### Feature

Compressor: Two stage with inter cooler.

- Diameter of LP Cylinder: 55 mm
- Diameter of HP cylinder: 50 mm
- Stroke Length: 65mm
- Compressor Speed: 720 rpm
- 2HP A/C Motor

- Air intake Measurement: M/S Tank with Orifice-meter and Manometer
- Bourdon Tube Pressure gauges to measure the pressures.
- Three Phase energy meter.
- Multi-channel temperature Indicator to measure various Temperatures.
- Pressure relief valves.