

Hot Air Stirling Engine (EDC-HT-001)

EXPERIMENTAL DATA:

- Temperature vs Speed.
- Temperature vs Speed vs Electrical Output.



DESCRIPTION:

A Stirling engine is a heat engine that is functioned by the cyclic compression and expansion of air or other gas (the working fluid) at different temperatures, resulting in a clear conversion of heat energy to mechanical work. Apparatus contains an engine connected to a DC generator with adjustable heater. Heating power and RPM of the engine displayed on the LCD. Torque produced can be seen on the torque meter.

SPECIFICATIONS:

- Heater: 300 W max.
- Maximum Output power: Over 1000mW.
- Input power Measuring instruments.
- Mechanical dynamometer.
- Power supply: 230V 1Ph 50Hz.

TECHNICAL DATA:

- Adjustable heater.
- Load adjustable.
- LCD Display.

DIMENSIONS AND WEIGHT:

- L x W x H (mm): 450 X 300 X 450 approx.
- Weight: 35 kg approx.

SCOPE OF DELIVERY:

- 1 x EDC-HT-001.
- 1 x Instructional Manual.

