Product name:	Product code:
Closed Cycle Hot Air Engine (Sterling Engine)	Transfer Lab0001



Description

Closed Cycle Hot Air Engine (Sterling Engine)

Technical specification

A bench top accessory designed to allow students to experimentally investigate one of the methods available to convert heat energy directly into work.

- The engine consists of a water cooled power cylinder and a transfer cylinder connected via a common duct. A single acting power piston and double acting displacer piston are connected to a flywheel.
- The cycle of the engine consists of two isothermal processes and two constant volume processes.
- Heat to expand the captive gas charge and drive the power piston is provided by an electrical element controlled from the standard instrumentation console.a

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