

IV-E633B To Determine The Mechanical Equivalent Of Heat By Callender & Barne's Constant Flow Method

Specifications:

- The apparatus consists of a horizontal corning glass tube open at both ends.
- The heating element is a coil about 40cm long of Ni-chrome wire and is wound spirally inside the axis of the glass tube.
- The element is easily detachable and is encased in a wooden case lined with felt and provided with a hinged cover.
- Terminals are brought at each end of the tube for the electrical supply.
- The horizontal tube is connected either by rubber tube or rubber cork to the inlet and the outlet system, each having a short vertical extension to accommodate a thermometer.
- The complete apparatus is mounted on a polished wooden base board.
- Supplied with constant level tank fitted on stand but without thermometer & Transformer.

Scope of Supply:

- Callender & Barne's Apparatus
- Two numbers Thermometers 1100 x1/10.
- Stop Clock
- Callender and Barne's Trainer Kit
- Screw Type Pinch Cock
- Rubber Tubing



Optional Requirement:

- Digital Balance
- Graduated Cylinder