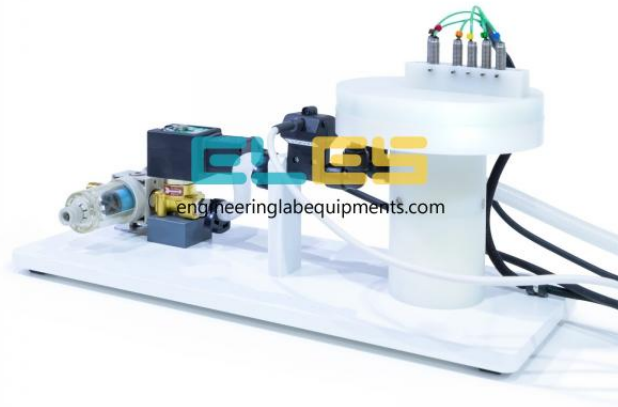


Product Name :
Computer Controlled Radial Heat Conduction

Product Code :
ENGLABINGCAG610001



Description :

Computer Controlled Radial Heat Conduction

Technical Specification :

A small-scale accessory to introduce students to the principles of linear heat conduction, and to enable the conductivity of various solid conductors and insulators to be measured

Comprises a heating section, a cooling section, plus four intermediate section conductor samples and two insulator samples

The heating section, cooling section and one of the intermediate sections are fitted with thermocouples (eight in total) evenly spread along the length of the assembled conduction path

All sections are thermally insulated to minimise errors due to heat loss

Includes a water pressure regulator and a manual flow control valve

Computer-controlled unit includes an electronic proportioning solenoid valve to control the cooling water flow rate and a water flow meter

Heater power variable up to 60W

Water flow rate variable up to 1.5 l/min

Heating and cooling sections, 25mm diameter

A comprehensive instruction manual is included

Engineering Lab Equipment India

