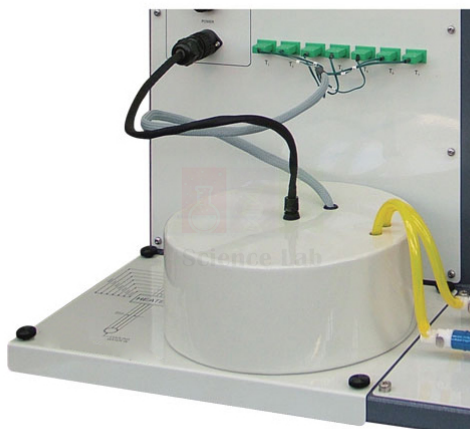


Product Name :

Radial Heat Conduction Experiment

Product Code :

SLE/EA/25



Description :

- This experiment has a solid brass disc with an electric heater (heat source) at its centre and a circular crosssection cooling tube (heat sink) around its circumference.
- It mounts on a base plate with a clear schematic of the experiment layout.
- The electric heater and thermocouples connect to sockets on the Heat Transfer Experiments Base Unit.
- At equally spaced radii on the disc, seven thermocouples measure the temperature as the heat conducts radially outwards from the heater.
- Insulation around the disc reduces heat loss by convection and radiation, so that the results should match the theory for simple radial conduction only.
- Also supplies the cold water feed and drain for the heat sink Students turn on the cooling water flow and adjust the heater power until the experiment reaches equilibrium.

Contact Science Lab for your Educational School Science Lab Equipments. We are best educational lab equipments manufactruers, educational lab instruments manufacturer, educational laboratory glassware exporter, educational laboratory microscopes, educational laboratory suppliers, educational scienitific lab equipments.