

Product Name :
Thermal Conductivity Of Liquids**Product Code :**
ALABS-A104-360**Description :****Thermal Conductivity Of Liquids**

The present apparatus is designed to determine thermal conductivities of different liquids. The apparatus consists of a heater. The heater heats a thin layer of liquid. A cooling plate removes heat through liquid layer, ensuring unidirectional heat flow. Temperature is measured across the liquid layer and complete assembly is properly insulated. A proper arrangement for changing the liquids is provided. The whole assembly is kept in chamber.

Experiment:

- Determination of Thermal conductivity of different liquids and to make a comparative study
- Study of variation of thermal conductivity of different liquids with temperature

Utilities Required:

- Water supply 5 lit/min (approx.)

- Drain.
- Electricity Supply: I Phase, 220 V AC, 2 Amp.
- Table for set-up support



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