



Email : sales@laboratoryinstrumentindia.com

Product Name :
Heat Transfer Laboratory Equipments

Product Code :
LBNY-0005-10200053



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Description :

Experimentation:

To determine the effective thermal conductivity of the composite cylinder.

To compare the theoretical temperature profile within the composite cylinders, with that of observed profile.

To estimate the actual rate of heat transfer through the composite cylinders from the measured interface temperature of the two insulating materials with known thermal conductivities.

Technical Specification :

Utilities Required:

Electricity Supply : 1 Phase, 220 V AC, 2 Amp.

Table for set-up support.

Technical Details:

Pipe Middle : 10 Cm Dia. Approx.

Pipe Outer : 15 Cm Dia. Approx.

Pipe Inner : 5 Cm Dia. Approx.

Length Of Pipes : 60 Cm Approx.

Digital Ammeter : 0-2 Amp.

Digital Voltmeter : 0-300 Volt.

Heater : Nichrome Wire.



Laboratory Instrument India