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Product Name :	**Product Code :**
Heat Transfer Technical Lab Equipment	NLAB-TECHNICALAB24001

Description :

Heat Transfer Technical Lab Equipment

Technical Specification :

Heat Transfer Through Lagged Pipe

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.

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

Utilities Required

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

Table for set-up support.

Technical Details

Pipe Inner : 5 Cm Dia. Approx.

Pipe Middle : 10 Cm Dia. Approx.

Pipe Outer : 15 Cm Dia. Approx.

Length Of Pipes : 60 Cm Approx.

Heater : Nichrome Wire

Digital Voltmeter : 0-300 Volt.

Digital Ammeter : 0-2 Amp.

Naugralabequipments

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