Product name:	Product code:
Heat Transfer Lab Equipments	Transfer Lab0027

Description

Heat Transfer Lab Equipments

Technical specification

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

Heat Transfer Lab Equipments We are eminent names in the industry in offering a wide range of **Heat Transfer Lab Equipments** to our patrons. These are made under the visionary supervision of the best industry experts at our well-equipped infrastructure. Apart from this, this equipment is used 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.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features:

- Corrosion resistance
- High performance
- Dimensional accuracy

Experimentation of 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