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Product Name :
Heat Conduction In Metals

Product Code :
LBNY-0005-1250001



Description :

According to the second law of thermodynamics, heat is always transferred from the higher energy level to the low energy level. If the temperature of a body does not change despite continuous addition or removal of heat, this is known as steady-state heat conduction. Heat conduction is one of the three basic forms of heat transfer.

Features:

Effect of different metals on heat conduction.

Technical Specification :

Learning Objectives And Experiments:

Heat transfer with different samples connected in series
Effect of sample length on heat transfer
Time dependency until the steady state is reached
Calculate the thermal resistance of the sample
Calculate the thermal conductivity of different metals.



Laboratory Instrument India

