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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.



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