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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**

