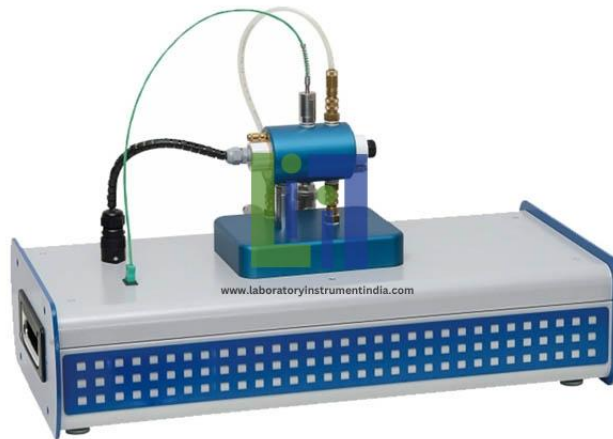




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Heat Conduction In Fluids

**Product Code :**  
LBNY-0005-12500026



**Description :**

Heat conduction is one of the three basic forms of heat transfer. Basic experiments for targeted teaching on the topic of heat conduction in fluids. Such teaching should discuss the fundamental differences between gases and liquids. According to the second law of thermodynamics, heat is always transferred from the higher energy level to the low energy level.

**Features:**

Effect of different fluids on heat conduction.

**Technical Specification :**

**Learning Objectives And Experiments:**

Transient heat conduction in fluids:

Interpret transient states during heating and cooling

Steady heat conduction in gases and liquids:

Determination of thermal conductivities  $k$  for different fluids at different temperatures

Determine the thermal resistance of fluids.



**Laboratory Instrument India**

