



Email : [sales@laboratoryinstrumentindia.com](mailto:sales@laboratoryinstrumentindia.com)

**Product Name :**  
Free And Forced Convection

**Product Code :**  
LBNY-0005-12500024



**Description :**

The Free And Forced Convection offers basic experiments for targeted teaching on the topic of free and forced convection on various heating elements. Material-bound heat transport takes place. During convection the fluid is in motion. Convection is one of the three basic forms of heat transfer.

**Features:**

Free and forced convection using the example of various heating elements.

**Technical Specification :**

**Learning Objectives And Experiments:**

- Free and forced convection
- Calculation of convective heat transfer at different geometries
- Tube bundle
- Experimental determination of the Nusselt number
- Flat plate
- Investigation of the relationship between flow formation and heat transfer during experiments
- Cylinder.

---

# Laboratory Instrument India

