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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

