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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

