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Product Name :
Heat Transfer By Conduction

Product Code :
LBNY-0005-12700050



Description :

Examination of heat conduction in solids

Radial heat conduction: brass disc with heating and cooling element, 6 temperature measuring points

Linear heat conduction: 3 measuring objects, heating and cooling element, 9 temperature measuring points

Experimental setup consisting of experimental unit and display and control unit

Electric heating element

Cooling with mains water.

Technical Specification :

Linear heat conduction

Radial heat conduction

Heater: 140W

Disc diameter: 110x4mm ,

Cooling coil at outer diameter of disc

Heater in the middle of the disc: 125W,

3 measuring objects, insulated,

1x DxL: 15x30mm, brass,

1x DxL: 30x30mm, brass,

1x DxL: 25x30mm, steel,

Measuring ranges

Temperature: 0...100°C, - power: 0...200W

Dimensions and Weight

LxWxH: 470x380x210mm

LxWxH: 400x360x210mm (experimental unit).



Laboratory Instrument India