

Product Name :
Heat Conduction in Solids Apparatus

Product Code :
NLAB-ENGINEERINGLB56010



Description :

Heat Conduction in Solids Apparatus

Technical Specification :

Linear conduction in metals

Specimens placed between electric heater and water-cooled plate

6 specimens (2x copper, aluminium, steel and

2x stainless steel)

Heating capacity, adjustable

Raised tank for constant water pressure

2 thermometers for water temperature

4 temperature sensors, display with selector switch

Voltmeter, ammeter

Technical Data

Heater: 365W

Specimens

Copper, Dxl: 40x65mm and 40x30mm

Aluminium, Dxl: 40x65mm

Steel: Dxl: 40x30mm

Stainless steel: Dxl: 40x65mm and 40x30mm

Dewar vessel: 2.1L

Raised tank: water pressure: 356mmWC

Measuring Ranges

Temperature (thermometer): 2x -10...50°C

Temperature (sensor): 4x 0...200°C

Voltage: 0...230VDC

Current: 0...1.5A

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