

Product Name :
Natural Convection and Radiation

Product Code :
NLAB-ENGINEERINGLB56011



Description :

Natural Convection and Radiation

Technical Specification :

Apparatus on heat transfer by convection and radiation in gases

Temperature controller

Vacuum pump

2 temperature sensors

Pressure measurement using Pirani manometer

Pressure measured by pressure sensor

Digital displays for temperature, pressure, and heater power

Operation with different gases possible

Technical Data

Heater: 20W

Radiation surfaces

Heater sleeve: 55cm²

Vacuum vessel: inner sleeve: 0,2m²

Vacuum pump

Power: 370W

Nominal suction capacity: 6m³/h

Pressure range: 10-5...2bar absolute

Measuring Ranges

er: 0...20W

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