Product name:	Product code:
Radiation And Natural Convection Apparatus	Process0009



Description

Radiation And Natural Convection Apparatus

Technical specification

- Derivative of the sensor temperature
- Heat exchanger : Mains water supply

Optional Accessories:

- Data acquisition and analyse system apparatus.
- Including acquisition card, cable and software application to use in Microsoft Excel application.

Dimensions and weight

- 600 x 410 x 280 mm – 14kg.

Essential requirements

- Electricity : 220/240 volt, 50 Hz, 600 watt
- Mains water supply

Radiation And Natural Convection Apparatus

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

- Plotting of absorption and emission curves of the two bodies under vacuum
- Plotting of the heating and cooling curves for the two bodies
- Emission and absorption coefficients (Stefan Boltzmann constant)
- Determination of the conductance by unit area
- Calculation of heat exchange by convection or radiation

Technical specifications

- Enclosure temperature : Regulated 0 – 299°C.
- Digital display resolution : 1°C.
- Maximum vacuum : -0.95 bar.
- Vacuum gauge range : 0 to -1 bar
- Analog outputs :

Temperature of the sensor