



Product overview

The Stefan Boltzmann Apparatus is designed to verify the Stefan–Boltzmann law, which states that the total radiant heat energy emitted from a hot surface is proportional to the fourth power of its absolute temperature. The apparatus is commonly used in physics laboratories for thermal radiation experiments.

Technical Specifications

1. Stefan Boltzmann Section

a. Hemisphere

Diameter :200mm
Material : Aluminium/ SS

b. Outer Jacket

Diameter :250mm
Material : Aluminium/ SS

c. Hylum Base Plate :12 mm thick

d. Test disc

Size :20mm x 1.5 mm

02. Water Tank With Immersion Heater

a. Material :S.S.

03. Digital Temperature Indicator With Selector Switch

Range :Ambient to 199.9 Deg. C

04. Thermocouples

a. Type :Cr. AI
b. Length :1 Mt.

SAMPLE: Copper (25mm dia * 50 mm length) Approx.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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