

Guarded Hot Plate Apparatus



- Measures thermal conductivity using steady-state heat transfer
- Heating and cooling water circulation system
- 0.5 HP stainless steel (SS) pumps
- Insulated SS storage tanks
- Main test section: SS 304 construction
- Hot and cold chambers for heat transfer at the test section
- Digital flow meter for precise measurement
- Data logger with USB port for recording data
- Temperature controller for accurate regulation
- RTD-Pt100 temperature sensors for high accuracy

Emissivity Apparatus

- The Emissivity Theorem Apparatus with an Infrared Camera measures a material's thermal radiation compared to a black body, aiding thermal studies, engineering, and material science.
- Infrared Camera for Thermal measurement
- Test Plate: Black coated
- Flat Plate Surface Heater
- Constant power regulator
- Temperature sensor: RTD Pt-100 Type
- Temp. scanner with USB Port
- Ampere and Voltage meter



Contact Us:

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