

**Product Name :**  
Thermal Conductivity By Guarded Hot Plate

**Product Code :**  
Heat Transfer0009



### Description :

Thermal Conductivity By Guarded Hot Plate

### Technical Specification :

#### 01. Guarded Plate Section

- a. Main Heater Plate :
- b. Diameter : 90mm
- c. Material : Brass
- d. Ring Heater Diameter : 100ID/150 OD mm
- e. Material : MICA
- f. Ring Heater Plate
- g. Diameter : 100 ID/150 mm OD
- h. Material : Brass
- i. Asbestos plate : 150OD/12 mm thick
- j. Cooling jacket
- k. Diameter : 150OD
- l. Material : Brass
- m. Size : 123mm thick

#### 02. Measuring Instruments

- a. Digital Voltmeter Range : 0 to 300 V
- b. Digital Ammeter & Range : 0 to 10 Amps
- c. Digital Temperature Indicator with Selector switch  
Range : Ambient to 199.9 Deg. C

#### 03. Thermocouples:

---

a. Type : Cr. Al  
b. Length : 1 Mtr.  
04. Electronic Dimmer : 2 Nos.

 **LAB ENGINEERING**

**Elab Engineering Equipments Manufacturers**