



Email : sales@engineeringlabequipments.com

**Product Name :**  
Computerized Steady State and Non Steady Heat Transfer

**Product Code :**  
ENGLABINGCAG3300005



**Description :**

Computerized Steady State and Non Steady Heat Transfer

**Technical Specification :**

**FEATURES:**

12 temperature measurement points in every sample  
Calculate thermal conductivity ? of different metals  
Steady heat conduction  
Transient heat conduction  
Temperature/time profiles  
Steady and transient heat conduction in metals  
Regulated temperature of the heat source

**SPECIFICATION:**

Heater :  
Output: 800W  
Temperature: 20...85°C

Samples, Ø 40mm  
3x 450mm (copper, aluminum, brass)  
2x 300mm (steel, stainless steel)

Heating tank: ca. 2L

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Cooling tank: ca. 0,5L

Elevated tank: ca. 6L

Temperature sensors :

12x thermocouple type K, along the sample

2x Pt100, in the cooling water

1x Pt100, in the heating water

Measuring ranges :

Temperature: 14x 0...100°C

Power: 0...1000W

Flow rate: 0,1...2,5L/min

Required for Operation :

230V, 50Hz, 1 phase

230V, 60Hz, 1 phase; 120V, 60Hz, 1 phase



**Engineering Lab Equipment India**