

**Product Name :**  
STEFAN BOLTZMAN APPARATUS

**Product Code :**  
TRANSFORMER0003



## Description :

STEFAN BOLTZMAN APPARATUS

## Technical Specification :

Designed to determine the Stefan Boltzmann constant, the Stefan Boltzmann Apparatus is manufactured by us exactly as per the existing principles. The Stefan Boltzmann Apparatus consists of a hemisphere fixed to a Bakelite plate, the outer surface of which forms the jacket to heat it. Hot water to heat the hemisphere is obtained from a hot water tank, which is fixed above the hemisphere. The copper test disc is introduced at the center of hemisphere. The temperatures of hemisphere and test disc are measured with the help of temperature sensors.

### Experiments:

- Determination of Stefan Boltzmann constant and study the effect of hemisphere temperature

or

### Utilities Required:

- Electricity Supply (1Phase, 220 V AC, 2 kW)

- Table For Setup Support



**Elab Engineering Equipments Manufacturers**