

**Product Name :**  
CRITICAL HEAT FLUX APPARATUS

**Product Code :**  
Heat and Mass0002



**Description :**

CRITICAL HEAT FLUX APPARATUS

**Technical Specification :**

The unit consists of a cylindrical glass container containing distilled water. Heating surface is in the form of a Nichrome heating wire completely submerged in the water. Thermometers are provided to measure the temperature of water in the container.

**SPECIFICATION:-**

- Glass Container - Dia. 250mm & Height 100mm
- Voltmeter - 0 - 300 V
- Ammeter - 0 - 5 A
- Dimmerstat - 10 amp
- Heater (For water Heating) - Nichrome Type.
- Length of the Test Heater wire - 100mm
- Thermometer - 0 - 100 OC

**FEATURES:-**

- Pool boiling phenomenon can be studied at atmospheric pressure.
- Ideal for group studies & demonstration for boiling regions up to critical heat flux conditions.
- A range of experiments can be performed with varying degree of sub cooling.

**SERVICE REQUIRED:-**

- Suitable bench area to mount the instrument.

- 
- 15 amps, Single Phase A.C. supply with earthing connection

**© LAB ENGINEERING**

**Elab Engineering Equipments Manufacturers**