

**Product Name :**  
DROP AND FILM CONDENSATION

**Product Code :**  
Heat and Mass0003



## Description :

DROP AND FILM CONDENSATION

## Technical Specification :

The unit consist of a transparent gas cylinder at the top of which two cylinders hang & steam is also admitted at the top one of the condenser is provided with chrome plated surface and other with natural surface finish to promote film wise condensation water is circulated through the condensers from common inlet. The transparent cylinder allows visualization of condensation process. A rota-meter measures the water flow & a pressure gauge shows the steam pressure. A digital temperature indicator measures temperatures at various points.

## SPECIFICATIONS:-

- Steam generator: -with 1 kw capacity water heater
- Condensers: - Chrome plated (For consideration in drop forms.)
- Natural finish. (For consideration in film forms.)
- Rota-meter: - 50- 500 LPH for cooling water flow measurement.
- Pressure gauges: -0-2 kg/sq. cm.
- Digital temperature indicator.
- Flow control valves for cooling water.

## SERVICE REQUIRED:-

- Suitable bench area to mount the instrument.
- 15 amps, Single Phase A.C. with earthing connection.
- Water supply about 5 lit/min. at constant head.



**Elab Engineering Equipments Manufacturers**