

► KHT-15 Drop and Film Apparatus



Specifications:

- Steam generator of suitable capacity.
- Copper tubes with -
i) Natural finish.
ii) Polished surface finish.
- Temperature Indicator 0 - 200° C with Chromel - Alumel thermocouples.

Range of Experiments:

- To find out heat transfer coefficient of drop wise and film wise condensation at various flow rates of water.
- Visualization

► KHT-16 Heat Pipe Apparatus

Specifications:

- O. D. of heat pipe = 25mm
- Stainless Steel pipe = 25mm
- Copper pipe = 25mm
- Length of the pipes = 350 mm each.
- Condenser tank size = 150 x 100 x 100 mm capacity about 2 liter of water.
- Working fluid in heat pipe distilled water.
- Voltmeter 0 - 200 Volts
- Ammeter 0 - 5 Amp
- Dimmerstat 0 - 4 Amp, 0 - 240 Volts.
- Heater-Nichrome heaters with ceramic beads.
- Temperature indicator 0-300°C 18 channels with cold junction compensation.
- Thermocouples - 6 Nos. on each members. Thermometers - 0° -100°C .1 No.



► KHT-17 Unsteady State Apparatus (Plain Tube Pipe)



Specifications:

- Test Piece :
Copper Ø25mm X 60L
M.S. Ø25mm X 60L
Brass Ø25mm X 60L
- Copper test cylinder, with a thermocouple at the center.
- Water bath with electric heater.
- Dimmer start to control bath temperature.
- Digital temperature indicator to measure bath and cylinder temperature.

- A timer with buzzer to note the temperature at regular time interval.
- The unit provided with an attractive and rust proof powder coating.