

**SHM-10 HUMIDIFICATION AND DEHUMIDIFICATION**



**RANGE OF EXPERIMENTS :**

1. To study the Humidification and dehumidification.

**EXPERIMENTAL SETUP :**

**a. Humidification Column**

M.O.C : Glass.

Packing Material : Raschig Rings.

**b. Dehumidification Column**

M.O.C : Glass.

Packing Material : Activated Alumina / Silica Gel.

**c. Rotameter :**

1. For air flow measurement :
2. For water flow measurement .:

**d. Heater Provided to Heat the air.**

**e. Digital Temperature indicator with set of thermocouples to measure dry & wet bulb temperatures.**

SPACE REQUIRED : 1.5 m. ( L ) x 1.0 m ( W ) X 1.5 m ( H ).

SERVICE REQUIRED: Power Supply 230 v 1 Phase 50 hz

WEIGHT : @ 55 Kg