

## HT-020 AIR JET DIFFUSION SETUP

### **RANGE OF EXPERIMENTS TO BE CARRIED OUT:**

1. To determine Diffusion coefficient of air
2. To observe & calculate diffusion coefficient with respect to change in air discharge.
3. The experiments can be conducted at various of input pressure & calculation can be made accordingly.

### **TECHNICAL DESCRIPTION :**

The Setup Consist of diffuser assembly with stand . manometer provided for measurement of differential pressure. Set of thermocouples provided for measurement of temperatures.

### **DIMENSIONS AND WEIGHT :**

Size :1 m.(L)x 0.7m(W) X 1m ( H )

Weight :Approx. 50 Kg

### **SERVICE REQUIRED :**

230 v Ac Supply 50 Hz

### **SCOPE OF DELIVERY:**

1. Experimental Setup
2. Instructional Manual

**OPTIONAL FACILITY:** Data logging Facility