

## SHM-05 FLUIDISED BED DRYER



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

1. To study the Fluidised bed drying Process
2. To calculate the rate of drying

### **TECHNICAL DESCRIPTION :**

The unit consists of :

- a. Glass cylinder of 88 dia. And 500mm length
- b. Compressor of 6 CFM capacity.
- c. Rotameter for air flow measurement 30 - 150 LPM.
- d. Temperature indicator.
- e. Air heater
- f. Cyclone of compactible capacity

### **DIMENSIONS AND WEIGHT :**

Size :1.5 m.(L)x 1m(W) X 1.5m ( H )

Weight :Approx. 50 Kg

**SERVICE REQUIRED :** 230 v Ac Supply 50 Hz

### **SCOPE OF DELIVERY:**

1. Experimental Setup
2. Instructional Manual