

## IPC-008 DEAD WEIGHT PRESSURE GAUGE TESTER



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

- 1.To determine unknown sample weight using given pressure gauge
2. To calibrate the given pressure gauge

### **TECHNICAL DESCRIPTION :**

Pressure Gauge is the simplest apparatus used for measuring pressure inside closed system. There are three main components of this device: fluid oil that transmits pressure ,dead weights and piston that applies pressure and pressure gauge which measure the pressure. It also contains oil reservoir which accumulate oil displaced by piston during tests.The whole setup is mounted on sturdy MS plate with good colour combination.

### **DIMENSIONS AND WEIGHT :**

Size :0.5 m.(L)x 0.5m(W) X 0.4m ( H )

Weight :Approx. 3 Kg

### **SERVICE REQUIRED :**

#### **SCOPE OF DELIVERY:**

1. Experimental Setup
2. Instructional Manual