

## Hydrostatic Bench Apparatus (EDC-FM-120)

### EXPERIMENTAL DATA:

- Use of a hydrometer.
- Use of a hygrometer.
- Use of Inclined Tube Manometer.
- Demo of Pascal's Law.
- Purpose of Metacentric height.



### DESCRIPTION:

The apparatus contains a transparent cylinder with scale, an inclined tube manometer and a place for metacentric height apparatus. Apparatus also contains a tank with pump to deliver water for experimentation of Metacentric Height apparatus. Inclined tube manometer is a simple and cheap instrument that is commonly used for measuring differential pressure.

### SPECIFICATIONS:

- Water Pump for Water Supply: 25LPM.
- Hygrometer.
- Metacentric Height.
- Inclined Tube Manometer: inclination angle:  $30^{\circ}$ .
- Pascal's Law.
- Pressure Gauge: 0 to 1 bar.
- Glass Beakers: 1000ml Qty 2.
- Water Storage Tank: 100L.

### DIMENSIONS AND WEIGHT:

- L x W x H (mm): 2000 X 1900 X 900 approx.
- Weight: 70 kg approx.

### SCOPE OF DELIVERY:

- 1 x EDC-FM-120.
- 1 x Instructional Manual.

