



# MODEL SEDIMENTATION TANK

## RB 248

### Description:

Sedimentation which is the deposition of sediments is a process that is used for water treatment. The particles heavier than water settle in the tank. The unit is composed of a sedimentation tank and a suspension tank. The fundamentals of sedimentation along with other experiments mentioned below can be investigated using this apparatus.

### Specifications:

- Feed pump
- Water Rotameter
- Suspension discharge measurement system
- Feed Tanks
- Suspension tank pump bypass for better stirring
- Transparent plexi glass sedimentation tank
- Baffles and Sampling Model
- Sampling valves
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

### Applications:

1. Observation of the basis of sedimentation
2. Compare real flow regimes with idealized flow models
3. Effect of position of baffles on sedimentation
4. Influence of flow rate and water level in sedimentation

### Required For Operation:

- 220V Single Phase Electricity
- Distilled Water
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%

Dimensions (L\*W\*H) mm: 2200x 800 x 1650

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