



**Product Code . SEL-EELE-11246**

## Model of Sedimentation Tank

### Description

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#### Model of Sedimentation Tank

The sump tank is continually agitated by a flow sparge device to prevent settling of solids during an experiment. A well-mixed slurry of known concentration and flow enters the tank uniformly under an inlet weir. This may be comparatively analysed by the Imhoff cone technique or more accurately by drying and weighing. For studies of sedimentation, a slurry is prepared in a sump tank and pumped via a specially designed flow meter to join the fresh water stream just before entry to the settling tank.

#### Technical Details:-




- Sediment sump tank capacity: 120 litres.
- Water flow meter range: 0.5-5l/min.
- Settling tank: 1000 x 400 x200mm.
- Sediment suspension flow meter range: 0-2l/min.
- Pump flow rate: 25l/min at 5m head.

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- Motor: 0.1kW.

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