

Product Code . EL-EELE-11390

## 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. This may be comparatively analysed by the Imhoff cone technique or more accurately by drying and weighing. A well-mixed slurry of known concentration and flow enters the tank uniformly under an inlet weir. 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.
- Motor: 0.1kW.




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various industries.

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