

Product Code . EL-EELE-11390

Model of Sedimentation Tank



Description

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 x 200mm.
- 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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Educational Lab Equipments,
#449, HSIIDC, Industrial Area, Saha, Haryana
Direct Contact Details  +91-98173-19615  sales@educational-equipments.com
 www.educational-equipments.com