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Product Name :
Separation In Sedimentation Tanks

Product Code :
LBNY-0005-103000136



Description :

Tank with pump to prepare and deliver a suspension comprising water and precipitated calcium carbonate
Determination of solid concentrations at sedimentation tank inlet and outlet by Imhoff cones
Separation of suspensions by sedimentation in transparent sedimentation tank
Bypass to tumble and homogenise the suspension
Precise piston burette for metering of ink to visualise flow conditions in the sedimentation tank
Influencing of flow conditions in the sedimentation tank with baffle plate that can be positioned
Mixing of the suspension with fresh water in sedimentation tank inlet zone
Adjustment of fresh water and suspension flow rate by valves.

Technical Specification :

Technical Data:

Sedimentation tank
Capacity: approx. 80L
Material: plexiglass
LxWxH: 1000x400x230mm
Suspension tank
Material: stainless steel
Capacity: approx. 90L
Pump
Max. head: 5m
Max. flow rate: 75L/min
Piston burette

Volume adjustment range: 0...20mL
Metering accuracy: 0,15% of nominal volume
Resolution: 0,01mL
Imhoff cones
Capacity: each 1000mL
Measuring ranges
Flow rate (suspension): 0...1,9L/min
Flow rate (fresh water): 60...640L/h.



Laboratory Instrument India