



Product Code . EL-EELE-11421

Sedimentation Studies Apparatus

Description

Sedimentation Studies Apparatus




The gravitational force, acting downward. When a particle falls in a fluid under constant force, e.g. force of gravity, then particle accelerates for some time, but when the accelerating force equals the retarding force (Buoyant force and Drag force).

Then the resultant force acting on the particle will be zero, and particle quickly reaches velocity, which is the maximum attainable under the circumstances and which is called the terminal velocity. When all the solid particles settle in zone D, then this is a critical stage and after this no settling takes place. With further passage of time, the height of the zone D will decrease due to the compression of the sludge on account of its own weight. Settling can be free settling or hindered settling. But most of the slurries settle under hindered conditions. A Supernatant Layer C Transition Zone B Slurry Zone D Concentration Sludge Zone.

We are leading manufacturers, suppliers of Sedimentation Studies Apparatus for Electronics Engineering Lab Equipments. Contact us to get high quality Sedimentation Studies Apparatus for Electronics Engineering Lab Equipments for schools, colleges, universities, research labs, laboratories and various industries.

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