

Product Name :
Cone Classifier**Product Code :**
ALABS-A155-014**Description :****Cone Classifier**

Cone types Classifiers are one of the oldest types. The conical vessel has angle of 60°. The feed is fed from the top. Water is at a controlled velocity. The coarse solids travel down the sides and can be removed from the bottom. Fine particles are by over flow. Bottom product tank is provided with the setup.

Experimentation:

- To determine the separation efficiency of given Classifier.
- To determine the effect of velocity on separation efficiency.

Utilities Required :

- Material for Feed.
- Water Supply and Drain.
- Electric Supply : Single phase, 220 V AC, 0.5 kW.

- Floor Area 1.5 m x 1 m.
- Oven & Weighing Balance.

Technical Details :

Material Stainless Steel Cone Type having angle of 60°.

Water Fed Stand Stainless Steel, Capacity 60 Ltrs.

Water Circulation

Flow Measurement

Material for Sample Tank Stainless Steel, capacity 10 ltrs (approx.).

Flow Particle Collector

Control panel Comprises of:

Standard make On/Off switch, Mains Indicator etc.

Instruction Manual Instruction manual will be provided along with the Apparatus

A good quality painted rigid MS Structure is provided to support all the parts.



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