Product Name :	**Product Code :**
Cone Classifier	ALABS-A163-004

Description :

Cone Classifier

Cone types Classifiers are one of the
oldest types. The conical vessel has angle of 60o. 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 :

Classifier: Material Stainless Steel Cone Type having angle of 600.

Water Feed Tank: Material Stainless Steel, Capacity 60 Ltrs.

Water Circulation Filter Pump

Flow Measurement Rota Meter

Bottom Product Tank: Material Stainless Steel, capacity 10 ltrs (approx.).

Fine Particle Collector Hydrocyclone.

Control panel Comprises of:

Standard make On/Off switch, Mains Indicator etc.

Instruction Manual: An ENGLISH instruction manual will be provided along with the Apparatus

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