Product Name :	**Product Code :**
Cone Classifier	NLAB-TECHNICALAB31004

Description :

Cone Classifier

Technical Specification :

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: FHP Pump.

Flow Measurement: Rotameter.

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

Fine Particle Collector: Nylon cloth.

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