

Product Name :
Swenson Walker Crystallizer**Product Code :**
ALABS-A153-006**Description :****Swenson Walker Crystallizer**

The setup consists of a top open jacketed round bottom trough. A ribbon mixer is provided in crystallizer trough, which rotates at low rpm for agitation of saturated solution. The saturated solution is prepared in a tank fitted with heater and a stirrer. This hot saturated solution is fed at one end of the crystallizer and flows slowly towards the other end while being cooled and is allowed to flow back in hot feed tank making the process continuous. The crystals sediments at the bottom of the trough, and can be washed out at the end of process. Arrangement for Cooling water circulation and flow measurement in jacket is made by using storage type water tank, a pump and a rotameter. Necessary instrumentation is done for temp measurement

Experiment :

- To study the performance of a Swanson Walker Crystallizer
- To determine the crystal yield and the efficiency of crystallizer

Feature :

- Superb Painted structure
- Simple to operate & maintain
- Compact & stand alone set up

Utilities Required :

- **Chemicals** commercial grade material as per choice

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