

Product Name :
York Scheibels Extraction Column**Product Code :**
ALABS-A104-086**Description :****York Scheibels Extraction Column**

The setup is designed to demonstrate principles of extraction and mass transfer operation in a YORK SCHEIBEL'S column.

The set up consists of a glass column, feed tanks, air regulator with pressure gauge, receiving tanks and piping. Rotameter are provided for flow measurement.

The glass column is divided into multiple stages; each stage consists of a woven wire mesh (calming) section and a mechanical agitation section. The agitator speed can be varied by drive. The presence of alternatively agitating and calming sections yield higher extraction efficiency than conventional packed column

Experiments :

- Determination of overall height of a transfer unit and overall volumetric mass transfer coefficient

Features :

- Stainless Steel tanks and wetted parts
- Special arrangement for changing height of interface zone
- Continuous operation
- Superb Painted structure
- Simple to operate & maintain
- Compact & stand alone set up

Utilities Required :

- **Electric supply** Provide 230 +/- 10 VAC, 50 Hz, single phase electric supply with proper earthing. 5A, three pin socket with switch for Compressor
- **Chemicals for trial** as per your choice
- **Compressed Air supply:** Clean, oil and moisture free air, pressure 2 Bar.
- Water Supply & Drain as required



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