

Product Name :
York Scheibels Extraction Column**Product Code :**
ALABS-A153-025**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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