Product name:	Product code:
York Scheibels Extraction Column	Transfer0002



Description

York Scheibels Extraction Column

Technical specification

Chemicals for trial as per your choice
Compressed Air supply: Clean, oil and moisture free air, pressure 2 Bar.
Water Supply & Drain as required

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

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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