



Laboratory SX Plant 10

SX Kinetics designed and manufactured this solvent extraction pilot plant for a laboratory investigation into the extraction and purification of acetic acid.



Project: sxk-75
Client: ZeaChem Inc
Location: Menlo Park, California, USA
Stages: 10
Capacity: 150 mL/min (org + Aq)
Recycle: Option for organic or aqueous

Items Provided:

- Borosilicate mixers, settlers, and aqueous over flow weirs with sealed covers
- Nitrogen inlet and outlet headers in order to purge vapor space in vessels
- Variable speed mixer motors with constant torque output and digital rpm display
- High efficiency curved blade SX impellers with polypropylene coated shafts
- Support frame with vibration adsorption clamps
- Interchangeable tubing for easy configuration to any circuit design
- Completely assembled and tested prior to shipment
- Installation instructions and operating manual

SX Kinetics, Inc.

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