



Laboratory SX Plant 2

This solvent extraction pilot plant was designed and manufactured by SX Kinetics, Inc. and shipped pre-assembled to the New Jersey Institute of Technology. It was used for a research program on the continuous counter-current extraction of proteins.



Project: sxk-31
Client: NJIT
Location: Newark, NJ, USA
Stages: 4
Capacity: 150 mL/min (org + Aq)
Recycle: Option for organic or aqueous

Items Provided:

- Borosilicate mixers, settlers, and aqueous over flow weirs
- 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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