



## Laboratory SX Plant 4

SX Kinetics designed and manufactured this solvent extraction pilot plant for the evaluation of various copper SX circuit configurations including: 2 extraction + 1 strip; 2 extraction + 2 strip; 2 extraction + 1 scrub + 1 strip.



**Project:** sxk-36

**Client:** Moscow State Institute of Steel and Alloys (Technological University)

**Location:** Moscow, Russia

**Stages:** 5

**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
- Metering pumps for SX feed, organic feed, scrub solution, and strip solution
- 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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