

This pilot plant was designed by SX Kinetics for operation at 150 °C, well above the flash point of the solvent. It was manufactured from stainless steel with conductive lined teflon tubing sheathed in braided stainless steel.



**Project:** sxx-61  
**Client:** MOL  
**Location:** Hungary  
**Stages:** 6  
**Capacity:** 225 mL/min (org + Aq)  
**Recycle:** none  
**Temperature:** 150 °C

### Items Provided:

- Stainless steel mixers, settlers, and aqueous over flow weirs with Teflon gaskets
- Sealed vessels vented to a nitrogen inlet and exhaust header
- Variable speed mixer motors with constant torque output and digital rpm display
- High efficiency curved blade SX impellers with flexible couplings on the shafts
- Metering pumps for feed, solvent, and extractant
- Stainless steel feed tanks with sight glass windows and calibration tubes
- Support frame with electrical and instrumentation cabinet
- Interchangeable tubing for easy configuration to any number of stages
- Completely assembled and tested prior to shipment
- Installation instructions and operating manual

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