



## Laboratory SX Plant 21

SX Kinetics manufactured this solvent extraction pilot plant for a research centre in Finland.



**Project:** sxk-143  
**Client:** Talvivaara Sotkamo Oy  
**Location:** Finland  
**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 Hastelloy C shafts
- Stainless steel support frame with vibration adsorption clamps
- Band heaters with digital temperature controllers
- Interchangeable tubing for easy configuration to any circuit design
- Polypropylene fume hoods and containment drip trays
- Peristaltic metering feed pumps with spare parts and spare tubing
- Completely assembled and tested prior to shipment

### SX Kinetics, Inc.

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