



## Hydromet Pilot Plant 8

SX Kinetics manufactured these conductivity indicators in order to determine the phase continuity in the mixers, the position of the interface in the settlers, and to determine the accumulation of aqueous phase in the bottom of an organic tank.



**Item:** Conductivity Indicators

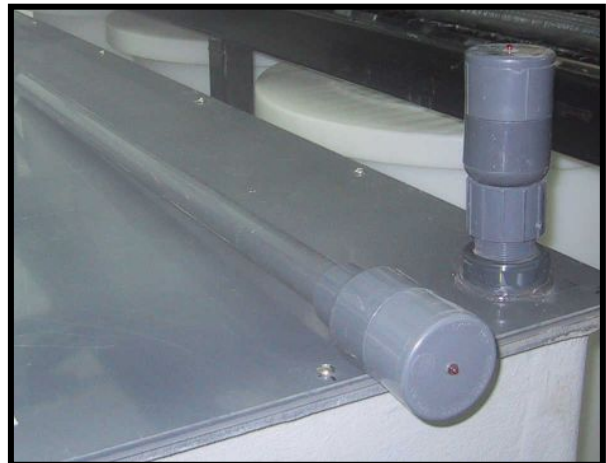
**Project:** sxk-37

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

**Location:** Moscow, Russia

The conductivity indicator can be graduated in either inches or centimeters for direct measurement of the depth of organic phase.

The LED (light emitting diode) on top of the conductivity indicator blinks on and off when the titanium electrodes in the tip of the indicator touch a conductive solution such as an aqueous continuous dispersion in the mixer or an aqueous phase in a settler. Organic phases are non-conductive and are not detected by the conductivity indicator.



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