solvex lab

smart level

Measuring Phase Disengagement of Multi-Phase Liquids and Emulsions

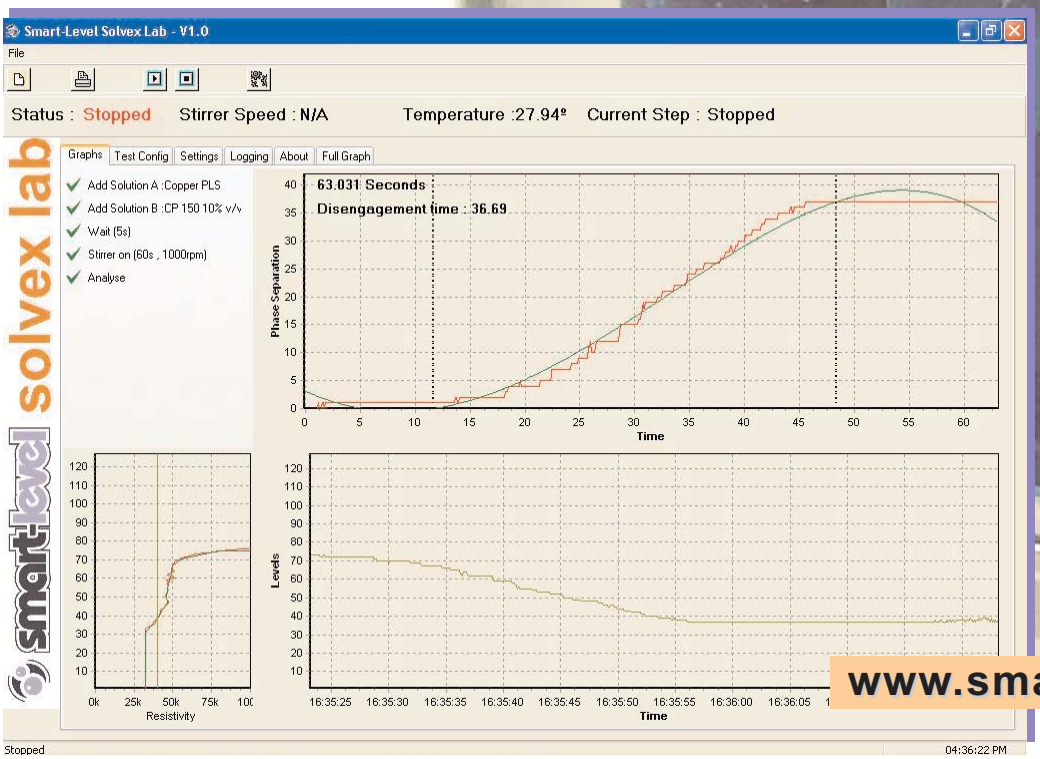
The smart-level solvex lab provides a semi-automated and repeatable means of measuring the phase disengagement of various liquids

Computer assisted, step by step experimental procedures can can be tailored to your requirements

Aqueous and organic continuous operation

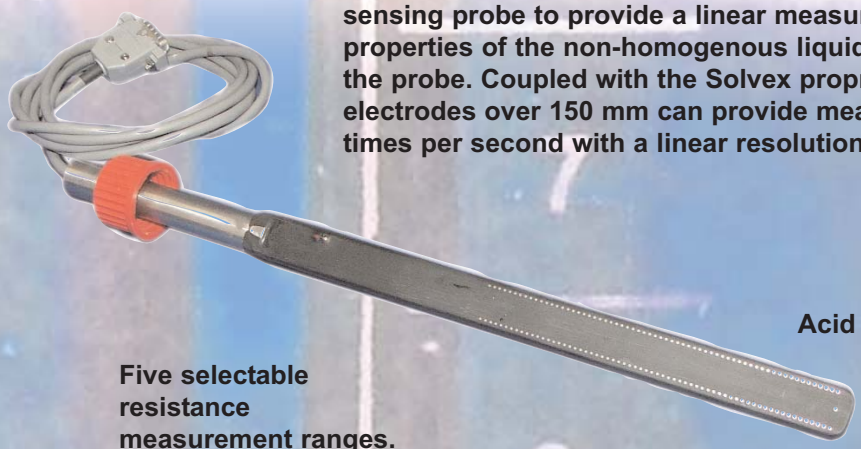
Automated stirrer control

Experimental report generation and Excel compatible data files



www.smart-level.com

The Smart-Level Solvex uses a specialised conductivity sensing probe to provide a linear measurement of the properties of the non-homogenous liquids along the length of the probe. Coupled with the Solvex proprietary software, 128 electrodes over 150 mm can provide measurements at ten times per second with a linear resolution of 1.5 mm

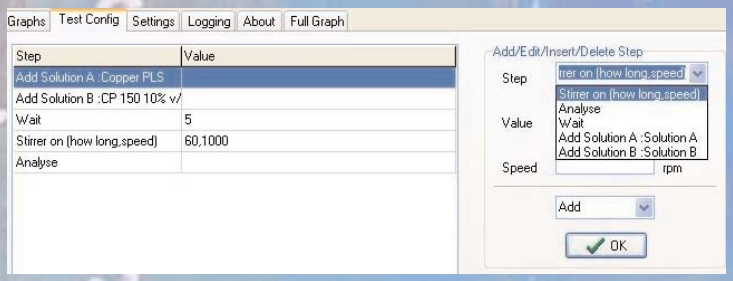


Linear resolution of better than 1.5 mm.

Acid resistant materials and construction.

Five selectable resistance measurement ranges.

Reagent temperature monitoring with optional waterbath temperature monitoring and control.



Saving of "Test Procedures" for rapid and repeatable testing.

Results can be printed out as the experiment is completed or saved to a pdf file.

Excel compatible CSV result file with complete experimental test procedure and reagent details.

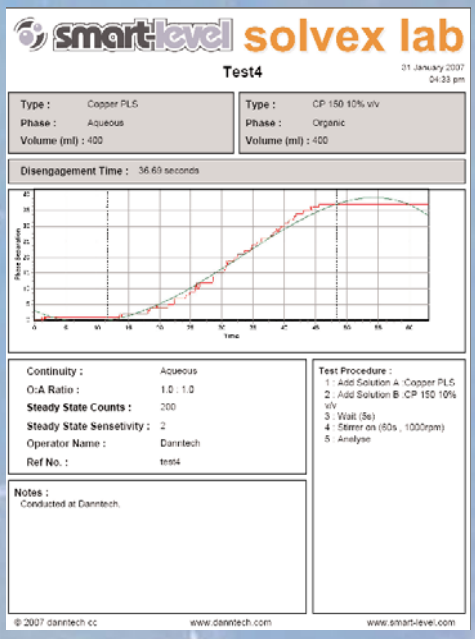
Optional pH, redox display and logging.

"Replay" function to analyse data captured previously using different analysis parameters.

Flexible configuration to suit particular test and research requirements.

Patent #: 2007/00728

Stirrer speed range from 50 to 2000 rpm. Optional stirrer torque monitoring with torque graph functions.



danntech PROCESS INSTRUMENTATION

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