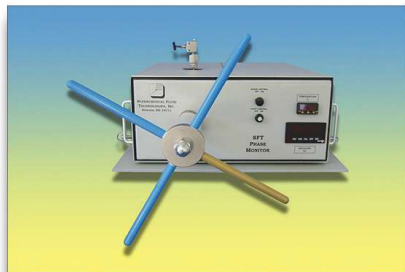


Product Showcase



TOOL FOR DETECTION OF COMPOUND SOLUBILITY

The SFT Phase Monitor II from Supercritical Fluid Technologies (Newark, Delaware) is a powerful tool for determining the solubility of various compounds and mixtures in supercritical and high-pressure fluids. It provides direct, visual observation of materials under conditions precisely controlled by the researcher. Experiments may be performed in liquids, supercritical carbon dioxide (CO₂), or other liquefied gases. The effect of cosolvents on the solubility of compounds of interest may be investigated as well. Phone +1 302-738-3420, Web site, www.supercriticalfluids.com.

Corrosive gas regulators

Air Liquide America Specialty Gases, LLC (Plumsteadville, Pennsylvania) offers ultra-compact single and two-stage regulators for working with reactive or corrosive gas mixtures containing low concentrations. Patented SilcoNert® 2000 makes surfaces 100 times more inert than untreated Type 316L stainless steel (UNS S31603). Adsorption of reactive or corrosive gases is virtually eliminated. Regardless of application, analytical processes can be more precisely controlled, sample



cycle times are shortened, and instruments can be calibrated more accurately, which yields significant savings in time, labor, and materials. Phone: 1 800-217-2688, Web site: www.ALspecialtygases.com.

Mitigation of corrosion under insulation

Cortec® Engineering & Field Service (CEFS) (St. Paul, Minnesota) offers the CorroLogic™ System for Insulated Pipe. The company is refining its VpCI® vapor-phase corrosion inhibitor products used to mitigate corrosion under insulation (CUI) in a wide variety of environments. It has developed equipment capable of producing real-time measurements at the surfaces of insulated pipe as well as special equipment and processes for application of VpCI® chemistry. CUI can thus be



mitigated with no service disruption, no recoating, and no insulation removal. Phone: 1 800-426-7832, Web site: www.cortecvci.com.

Olympus NDT introduces new TOFD capabilities

Olympus NDT (Waltham, Massachusetts) introduces the latest hardware and software advances for its OmniScan MX2 flaw detector. Olympus now offers a second-generation, two-channel conventional ultrasound module (UT2) that can be used for TOFD (time-of-flight diffraction) inspections. The new two-channel UT features higher pulser voltages (340 V), increased PRF capabilities, and dramatically improved signal-to-noise ratio—just a few examples of



enhancements that take the OmniScan MX2 to a new level of TOFD performance. Phone: +1 781-419-3562, Web site: www.olympus-ims.com.