

Publications

growing and manufacturing, organized by country, from Afghanistan to Zimbabwe. Publication June 1986, hardcover, 206 pp., \$19.75, Arlen W. Frank, 3812 Croydon St., Slidell, LA

70458.

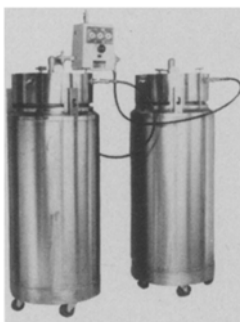
CSMA Detergents Division Test Methods Compendium, 2nd Edition, Chemical Specialties Manufacturers Association (CSMA)

Publication Sales, 1001 Connecticut Ave., NW, Suite 1120, Washington, DC 20036, 1985. 120 pp., \$45 CSMA members, \$54 nonmembers.

New Products

FLUORESCENCE DETECTOR

A programmable fluorescence detector from Hewlett-Packard Co. provides a range of detection options for liquid chromatographers working on environmental, food, pharmaceutical and pathological samples. Time programming allows the HP 1046A to optimize selectivity and sensitivity by automatically switching excitations and emission wavelengths for each peak. It can be used as a phosphorescence or chemiluminescence detector and is compatible with any HPLC. Contact: Inquiries Manager, Hewlett-Packard Company, 1820 Embarcadero Rd., Palo Alto, CA 94303.



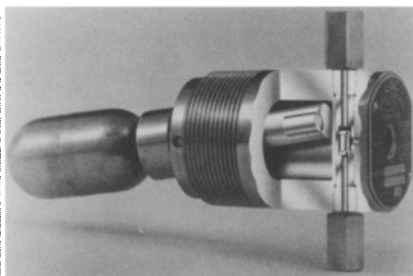
GAS PACK CYLINDERS

Andonian Cryogenics Inc. has available cryogenic gas-pack cylinders which can be used in pairs with an automatic changeover manifold to supply a continuous supply of gas equivalent to 48 high-pressure compressed gas cylinders. Additional gas packs can increase the system's capacity to the equivalent of 196 high-pressure gas cylinders. Contact: Andonian Cryogenics Inc., 26 Farwell St., Newtonville, MA 02160.

pH METER

Whatman LabSales Inc. has introduced a stick pH meter featuring

± 0.01 pH accuracy, two-point calibration and automatic temperature compensation. No additional temperature probe is required; it has an optional submersion assembly and a variety of pH electrodes. Contact: Whatman LabSales Inc., 5285 N.E. Elam Young Parkway, Suite A-400, Hillsboro, OR 97124.



LEVEL CONTROL TESTERS

The 282-21 from Linc Manufacturing allows an operator to test pneumatic level controls without removing them from service. With an external knob, the operator can press a button and move the float manually, testing pneumatic and mechanical parts. Made of stainless steel, the level control has a standard working pressure rating of 1,500 PSI and can operate in liquids with specific gravities as low as 0.5. Contact: Linc Manufacturing, P.O. Drawer 788, Porter, TX 77365.

TITRATOR

Brinkmann Instruments Co. has introduced its Metrohm 682 titrator designed to control up to four titrating burettes automatically with up to 40 stored programs. A single button runs any sequence of stored programs from the 682's library of 40 individual or linked procedures. Contact: Brinkmann Instruments Co., Cantiague Rd., Westbury, NY 11590.

LIQUID LEVEL SWITCHES

Granzow Inc. has announced a line of liquid level switches with a cylindrical float of stainless steel, titanium, plastic or synthetic material in a communicating bypass tube. The float contains a permanent magnet, and a magnetic level indicator is fitted to the outside of the bypass tube. Contact: Granzow Inc., 6033 Kenley Ln., Charlotte, NC 28210.

SPECTROMETER

Applied Research Laboratories Inc. has available a bench-top spectrometer designed for the smaller lab. The ARL 3410 ICP with Minitorch reportedly consumes 30-40% less argon and power than ICP counterparts. Contact: Eric Mower and Assoc., 101 S. Salina St., Syracuse, NY 13202.

LIQUID SEPARATOR

Action Engineering's Hi-Rise liquid/liquid separator system uses the principle that immiscible mixed fluids, when slowed from turbulent to laminar flow, will separate and rise in proportion to their specific gravities in their respective chambers when separated by an inclined plane. Uses include wastewater treatment, soluble coolant cleansing, industrial and toxic waste cleanup, tramp oil removal from water, and soluble coolants. The system has no movable parts and can accept oil mixtures and variable oil concentrations. Options include multiple inlet flows, sectionalized units for large installations and flow rates to 1000 gallons per minute. Contact: Action Engineering Inc., PO Box 505, Temple City, CA 91780.