

New Products

INERT GAS BLANKETING

A commercial system producing an inert atmosphere of high-purity nitrogen to blanket combustible materials or chemicals has been designed by Monsanto and manufactured by Maritime Productions A/S of Norway. The system uses Prism separators to produce the inert nitrogen atmosphere by removing oxygen from air. It is capable of handling 100,000 scfd of air and operates at a temperature of 120-150 F and pressure up to 425 psig. Contact: Monsanto Engineered Products Division, 800 N. Lindbergh Blvd., St. Louis, MO 63167.

FUSED-SILICA COLUMNS

Hewlett-Packard Company offers dual-purpose silica columns, the HP Series 530 μ , designed for both capillary and packed-column gas-chromatograph analyses. The new columns have a stationary-phase film thickness of 1.5 to 3 microns, providing capacity for one-microlitre injections of solutions normally analyzed on a 3 to 5% packed column. Contact: Hewlett-Packard Co., 1820 Embarcadero Rd., Palo Alto, CA 94303.

TURBIDITY INSTRUMENTS

Continuous monitoring turbidity instruments for treating potable water, waste water, effluent discharge, cooling water and food processing are available from Beckman Instruments. The new Series PT uses both side scatter and transmittance measuring techniques to provide continuous turbidity measurements. Both analog and digital multi-range displays are offered, covering four decades of measurement over the standard range of 0-1000 NTU. Higher ranges are available. Contact: Beckman Instruments Inc., Cedar Grove Operations, 89 Commerce Rd., Cedar Grove, NJ 07009.

POWER OUTAGE ALARM

Analytical Products' Power Off Protector ("POP"), with alarm, telephone dialer and notification option, is designed to protect valuable electronic instruments against possible damage from power surges, failures and transients. The dialer option allows 24-hour monitoring of equipment power. Upon power outage, on-call personnel are notified by a pre-programmed telephone call. "POP" withholds power

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New Products

after a failure until necessary adjustments are made. It also is equipped with a transient voltage suppressor designed to protect equipment from high voltage damage. It is available for 115 VAC 50/60 Hz at 15 amps. Other voltages can be specially ordered. Contact: D. Edward Hardy, vice president, marketing, Analytical Products Inc., PO Box 845, Belmont, CA 94002.

DRYING RACKS

Bel-Art Products offers spill-resistant polyethylene racks, available for wall or bench mounting or as free standing units. Each rack has a series of nylon pegs mounted at a 45° angle to provide maximum drying for all sizes of test tubes, bottles and other labware. Contact: Bel-Art Products, Pequanock, NJ 07440.

AUTOMATIC TITRATOR

The Mitsubishi GT-01 microprocessor-based automatic titrator from COSA Instrument Corp. stores up to 15 titration conditions in memory. It is designed to do titrations in as little as six minutes. Conditions, calculation results and the titration curve, with equivalence points clearly indicated,

can be printed out on an optional dot matrix printer. Electrodes are available for neutralization, oxidation-reduction, argentometric, polarization, chelometric and precipitation titrations. Contact: Larry Talarico, COSA Instrument Corp., 70 Oak St., Norwood, NJ 07648.

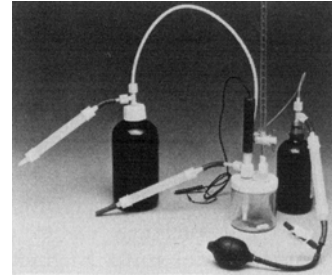
HPLC INJECTOR

Rheodyne's syringe loading HPLC injector for microbore columns injects samples smaller than 1 μ L with high volumetric precision and low dispersion. It has interchangeable sample chambers holding volumes of 0.2, 0.5 and 1.0 μ L, with flow passages 0.005" in diameter. Contact: Rheodyne Inc., PO Box 996, Cotati, CA 94928.

AIR PURIFIERS

Astecair Model 150 and Model 60 recirculating air purifiers remove toxic, noxious and corrosive pollutants from room air. Airborne contaminants are removed by six filtration media, each chosen to handle specific needs. In addition to a particle prefilter, each air purifier has either activated charcoal filters or one of five chemisorbent filters. The Model 150 filters 320 cubic feet per minute while the Model

60 filters 130 feet per minute. Contact: Dosimeter Corp., PO Box 42377, Cincinnati, OH 45242.



AQUAMETRY SYSTEM

Lazer Research Laboratories has introduced the Karl Fischer Aquametry System which can be used directly with any pH meter for moisture determinations in foods, grains, paper products, paints, petroleum products, drugs and chemicals. The KFS-186 Aquametry System uses a solid state circuit which generates its own polarizing current and displays the endpoint directly on any pH meter. Measurement range is 1 PPM to 100% water using both ASTM and federal specifications. Contact: Lazer Research Laboratories Inc., 920 N. Formosa Ave., Los Angeles, CA 90046.



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