

# New Products

## PLUNGER CAN

A nonmetallic plunger can from Justrite can be used for cleaning with high purity or corrosive solvents. Its high density polyethylene body is designed to resist dents, punctures and abrasion. Solvent is pumped to the moistening pan when the dasher is depressed. When the pan is released, solvent drains safely back into the reservoir. The perforated dasher plate acts as a flame arrester. The can holds up to a quart of solvent. Contact: Justrite, 2454 Dempster St., Des Plaines, IL 60016.



## SAFETY CABINET

Labcono Corp.'s Purifier biohazard safety cabinet, designed for work with low to moderate toxic agents, protects the operator from hazardous work materials and provides a contamination-free environment for the materials. The Purifier is constructed of heavy gauge steel and features a lift-

out pan work surface. Contact: Labconco Corp., 8811 Prospect, Kansas City, MO 64132.

## SPECTROPHOTOMETER

Jasco Inc. offers an infrared spectrophotometer designed to give 100 times the sensitivity of conventional infrared spectrophotometers. The new Jasco Model HPIR-100 features selective detection of functional groups, uniform response to sample mass independent of molecular weight, and use in high temperature applications. The unit uses a double-beam optical null light system with a nichrome heating element source into a sensitive vacuum thermocouple detector. Power can be applied at standard 115 VAC 60 Hz as well as 100, 110, 120, 200, 220, 230 and 240 VAC with frequency of 50 or 60 Hz. The unit requires 100 VA. Contact: Jasco Inc., 218 Bay St., Easton, MD 21601.

## DISPOSABLE LINERS

CDF Corp. has designed leakproof pail liners to handle inks, pastes, coatings, dyes, adhesives and chemicals. The seamless liners have a thick contoured lip to prevent seepage between liner and pail. Semirigid, the liners fit all standard 5-gallon pails. Contact: CDF Corp., 80 Front St., Scituate, MA 02066.

## LOT CONTROL TRACKING

Hewlett-Packard offers an HP Lot Control and Traceability/3000 soft-

ware package for manufacturers of chemicals, pharmaceuticals, cosmetics and processed foods who must maintain lot identities and analyze product histories. The system provides automated collection and retention of material-traceability information, so that up-to-the-minute data on material origin, identification, usage and ultimate distribution in final products can be called up on computer terminals. Contact: Hewlett-Packard Co., 1820 Embarcadero Rd., Palo Alto, CA 94303.

## DISTILLATION EQUIPMENT

A double-distillation assembly with all wetted parts made of pure fused silica is available from Quartz Products Corp. The assembly, consisting of two stills, is designed to produce high-purity water for chemistry, nuclear and laboratory applications. Water introduced into the bottom of the first chamber is boiled to produce water vapor which condenses in the second chamber. Reboiling produces high-purity, double-distilled water in a third chamber. The assembly processes water at the rate of 2.8 L/hr with a 220 VAC supply voltage, or 0.7 L/hr at 110 VAC. Contact: Quartz Products Corp., Box 1347, Plainfield, NJ 07061.

## UNSATURATED FATTY ACIDS

Nippon Oil & Fats Co. Ltd., Tokyo/Japan, has developed a new process to produce highly purified unsaturated

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## New Products

fatty acids. The Nissan Extra series unsaturated fatty acids, isolated from natural oil and fats, offer purity and stability, are odorless and colorless, and are recommended for application in the pharmaceutical, cosmetic and fine chemical fields. They include Oleic-99, Oleic-90, Linoleic-99, Linoleic-95, Linoleic-90, Linolenic-90 and Palmitoleic-99. Contact: Nippon Oil & Fats Co. Ltd., Tokyo Head Office, 1-10-1, Yuraku-cho, Chiyoda-ku, Tokyo, Japan 100.

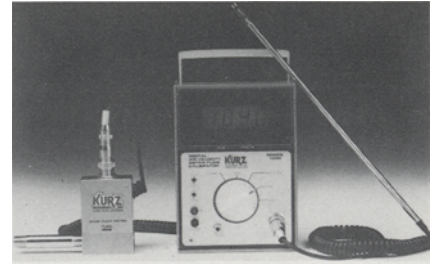
### TITANIUM PUMP

Atlas Pumps' Model 600-CE close-coupled corrosion-resistant pump constructed in titanium can be used for pumping ultrapure deionized water. The unit has a capacity of 10 gpm at 55 psi with a shut-off head of 58 psi. Similar pumps are available for capaci-

ties to 50 gpm at 25 psi. Model 600-CE is equipped with a TEFC motor rated for 2 hp, 3450 rpm, 230/460 V, three-phase, 60 Hz. Contact: Atlas Pumps, 1505 East End Ave., Chicago Heights, IL 60411.

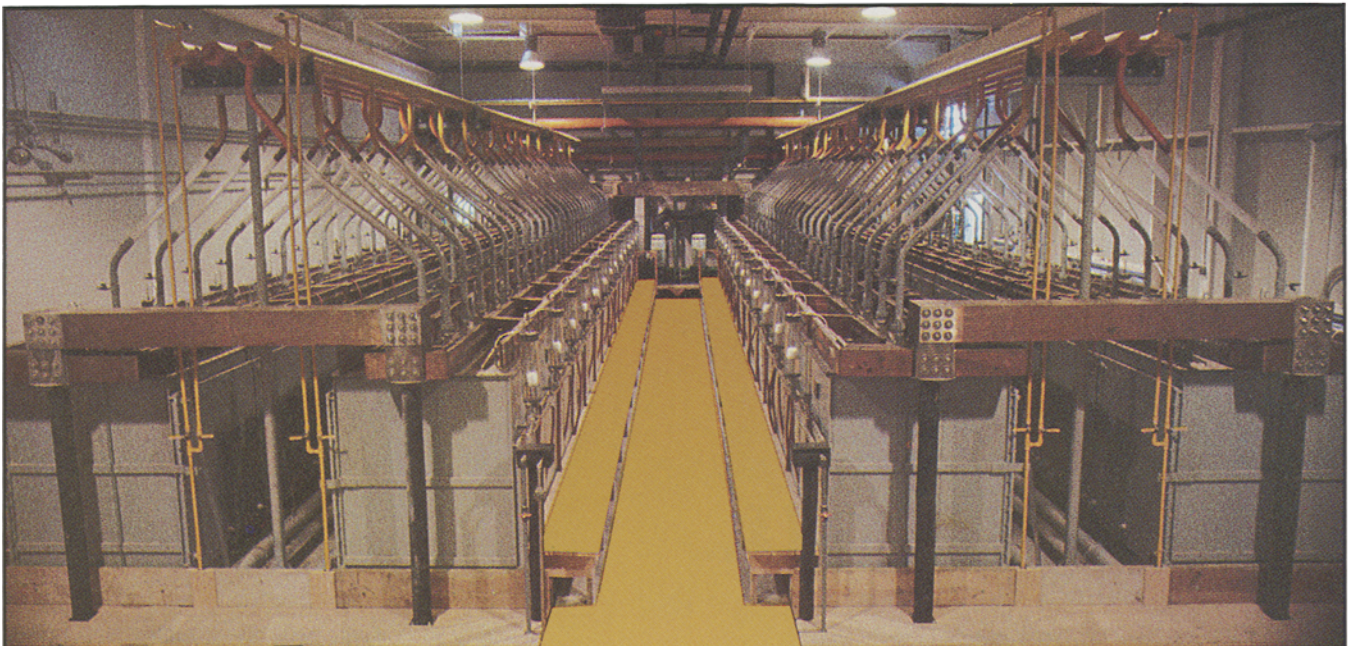
### TEMPERATURE TRANSMITTERS

Kent Process Control has introduced a series of temperature transmitters, P820 series, featuring two-wire operation, full isolation, immunity to radio frequency interference, weatherproof enclosure, and post or wall mounting. The unit is a field-mounted unit for measuring low level signals from thermocouples, resistance thermometers or emf sources. Contact: Kent Process Control Inc., 165 Fieldcrest Ave., Raritan Center, Edison, NJ 08837.



### MASS FLOW METER

Kurz Series 1040 is a portable three-in-one digital mass flow meter, air velocity meter and temperature meter. It can be used in R&D labs, industrial hygiene or occupational health work, hospitals, electronic labs and universities. Features include a linear 0-2 VDC output and a large range selector switch for ranges spanning to 200 F, 100 sfpm and 200 slpm. Contact: Kurz Instruments, PO Box 849, Carmel Valley, CA 93924.



# Hydrogen

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