

## New Products



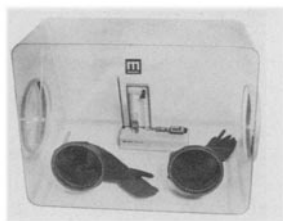
### BLOWER LINE

Labconco Corp.'s coated steel blower line includes 18 different models designed to accommodate low to moderately corrosive exhaust vapors. The low pressure blower lines deliver air up to 1,950 CFM at 1.5" static pressure. Explosion-proof models are available. Contact: Labconco, 8811 Prospect, Kansas City, MO 64132.



### CALIBRATOR

The electro-pneumatic portable calibrator from Wallace & Tiernan measures absolute, gauge and differential pressures from external sources, as well as current and voltage inputs. The instrument is designed for accuracy to 0.1% and has solid-state circuitry. Its rechargeable battery pack supplies loop compliance voltage in either 24 or 48 volts. Contact: Wallace & Tiernan Division, Pennwalt Corp., 25 Main St., Belleville, NJ 07109.



### GLOVE BOX

Manostat's economy glove box provides a controlled environment. Options include an air lock and bare hand entry. Coupling sleeves are available to connect boxes in series, and the all-plexiglass construction

allows for customized alterations to suit special attachments. Contact: Manostat Corporation, 519 Eighth Ave., New York, NY 10018.

### THERMOMETERS

Wahl Instruments offers two hand-held Heat-Prober thermometers capable of measuring in the Type T

thermocouple range. The 360M F and 180M C are designed for use in processing, quality control, preventive maintenance and energy audits. Four interchangeable stainless steel probes can be used for surfaces, liquids, penetration and air measurements. Contact: Wahl Instruments Inc., 5750 Hannum Ave., Culver City, CA 90231.

## Quality Assurance with Dynamic Headspace Analysis

Your product's reputation is built upon its consistent high quality. Flavors, aromas and tastes are as recognizable as trademarks.

Your product's integrity and its purity are synonymous.

Dynamic headspace analysis "fingerprints" many of the factors associated with flavors, aromas, tastes and purity. Your product has its own unique fingerprint. Matching that fingerprint from batch to batch assures your product's consistent high quality.

For more information about our Dynamic Headspace Concentrator's role in your quality assurance program, contact Tekmar Company, P.O. Box 371856, Cincinnati, OH 45222-1856, (800) 543-4461. In Ohio call collect (513) 761-0633. Telex No. 21-4221.



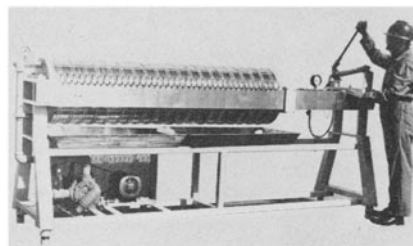
## New Products

### HYDROSTATIC TEST PUMPS

The P-series hydrostatic test pumps offered by Expando Seal Tools Inc. are designed to test heat exchanger tubes. The model P-1018 reaches a maximum outlet pressure of 1,850 psi while model P-1088 reaches 8,800 psi. Both models use an air-over-water intensifier and operate on a standard plant water supply. The pumps are nonsparking for use in hazardous areas. Contact: Expando Seal Tools Inc., 123 Keystone Dr., Montgomeryville, PA 18936.

### MASS FLOW SENSOR

The Microflo FS-1603 measures mass flow directly rather than volumetrically when monitoring the flow of liquids or gases. Trans-Met Engineering Inc.'s mass flow sensor has no movable parts and is constructed from chemical-resistant 300 series stainless steel. It has high/low alarms, set-point control and signal output for process monitoring and control. Contact: Trans-Met Engineering Inc., 1640 S. Sinclair St., Anaheim, CA 92806.



### OIL FILTER

Star Systems Filtration Division makes a 40-disc, 18"-diameter plate and frame hot oil filter capable of operating for eight hours with a cleaning downtime of 35 minutes. The plate and frame filter presses are built to conform to USDA guidelines. Contact: Star Systems Filtration Division, Timmonsville, SC 29161.

### SOLVENT DELIVERY SYSTEM

The CM4000 multiple solvent delivery system from LDC/Milton Roy is designed as a ternary gradient solvent delivery system capable of flow rates from 10  $\mu$ l to 10 ml/minute at pressures to 10,000 psi. It is gradient and flow rate-programmable with memory for up to 15 control, gradient and timed events files. Contact: LDC/Milton Roy, PO Box 10235, Riviera Beach, FL 33404.

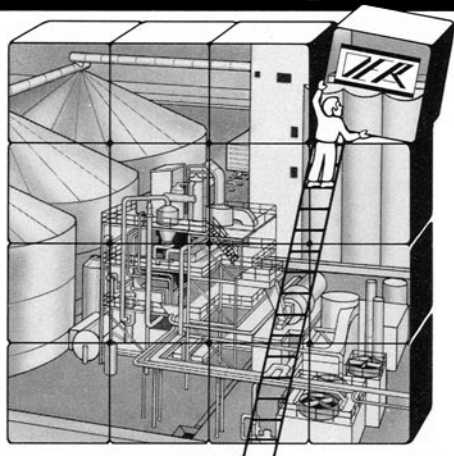
### STATISTICAL SOFTWARE

Stat-Ease Inc. has introduced Design-Ease, software for statistical experimental design. The software is designed to help researchers who may not be statisticians or are unfamiliar with computers. Design-Ease is completely menu-driven. Features include factorial, fractional factorial and Plackett-Burman designs. Contact: Stat-Ease, 4108 Aldrich Ave. S., Minneapolis, MN 55409.

### TIMER

SAT Inc. has available a timer featuring count-down from a preset time duration to zero, followed by a one-minute time-limited acoustic alarm. A count-up indicating the time elapsed since the alarm started is also included. Contact: Solder Absorbing Tech. Inc., 144 Oakland St., Springfield, MA 01108.

## Getting it together



### takes an engineering consulting firm with a lot of experience.

At DER — "Getting It Together" — is taking the seed of an idea and developing it in a professional manner into a workable and cost-effective project. This means not only meeting immediate needs but also careful planning for the future. Our geographic location in the heart of corn and soybean country has given us a unique opportunity to serve the engineering needs of the grain processing industry. At DER, our team of engineering specialists has worked to solve many difficult and complex new construction and retrofit problems. Our services involve not only engineering but the dovetailing of the efforts of a contractor and suppliers. DER would like to put this expertise to work for your company.



**Dennis E. Roby & Associates Inc.**

CONSULTING ENGINEERS

1900 E. Eldorado St., P.O. Box 1425, Decatur, IL 62525 • 217/429-4412