

New Products



DATA CONTROL

Veeder-Root's Series 7935 production data control is designed to obtain and control production information such as acquisition and evaluation of process variables, equipment performance and operator ability. It is used in continuous production process applications including those in the metals, chemical, textile, wire, cable and paper industries. The unit uses microprocessor technology and accepts up to seven inputs from external detectors or manual switches. Contact: Veeder-Root Co., 70 Sargeant St., Hartford, CT 06102.

DIGITAL SCALES

Indco's LCD series of digital scales, combining digital weight indication with sturdy construction, is designed for heavy industrial use such as shipping/receiving and laboratory use. The liquid crystal display can be read indoors or out, and battery operation provides portability for on-site use. Contact: Indco Inc., PO Box 589, New Albany, IN 47150.

SCREENING SOFTWARE

Statistical Programs now offers SCREEN, an experimental design computer program using Plackett-Burman and fractional factorial screening designs to determine the most significant experimental variables in a research, development or manufacturing system. SCREEN is designed especially for situations in which "fishbone" diagrams have been generated to gain insight into causes of observed effects. Using a small number of experiments, it is designed to pro-

vide information to determine which factors exert the greatest effect. Contact: Statistical Programs, 9941 Rowlett, Suite 6, Houston, TX 77075.

OIL-IN-WATER EMULSIFIER

Akzo Chemie America has introduced Elfacos OW 100, an oil-in-water emulsifier for cosmetic and pharmaceutical preparations. According to the company, stable emulsions can be prepared with a variety of natural and synthetic ingredients by using Elfacos OW 100 alone or in combination with cationic, anionic, amphoteric or nonionic co-emulsifiers. Elfacos OW 100 is designed to remain stable over broad pH and temperature ranges and emulsions prepared with it are insensitive to electrolyte effects. Contact: Akzo Chemie America, 300 S. Riverside Plaza, Chicago, IL 60606.

NITROGEN SYSTEM

The PRISM Alpha nitrogen system produces nitrogen from air. Each separator is a bundle of small hollow fibers contained in a vessel. As compressed air is fed into the separator, oxygen, carbon dioxide and water vapor permeate through the walls of the fibers faster than nitrogen, yielding a product stream of dry nitrogen. Applications include food packaging, chemical plant purging and blanketing, metal processing and produce storage. Typical product purity ranges from 95% to over 99% nitrogen. Contact: Permea Inc., 11444 Lackland Rd., St. Louis, MO 63146.

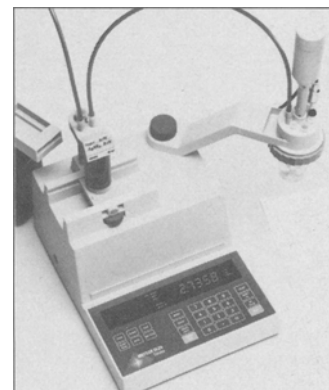
DRY HEAT BATHS

Techné's dry heat baths for laboratories are compact constant temperature heaters suitable for test tubes, cuvettes and other small containers. Each unit has a recessed chamber to hold interchangeable aluminum insert blocks that accept the containers. Four models cover a temperature range from 30 to 450 C. All units have a calibrated

temperature setting dial and use solid state controls with zero voltage switching. Contact: Techné Inc., 3700 Brunswick Pike, Princeton, NJ 08540.

VISIT-BY-PHONE

Fisher Scientific now offers a program of scheduled visits via telephone through which laboratory-trained Fisher personnel can bring new developments in instrumentation and technique to scientists and managers. This nationwide system uses company specialists in such fields as biomedical systems, biotechnology, chemicals, diagnostics, food technology, instrumentation, robotics, tissue culture and laboratory layout and design as resources. Contact: Fisher Scientific, 711 Forbes Ave., Pittsburgh, PA 15219.



TITRATOR

The Mettler DL25 titrator has a built-in database of 15 standard methods that can be used for acid, base and redox titrations, nonaqueous or photometric titrations, and the determination of chlorides. The DL25 titrates automatically to two endpoints or to equivalent points; determines p- and m-values, pH-values and TAN/TBN- (total acid and total base number) values according to ASTM/DIN; calculates half-neutralization value, and carries out pH stat and back-titrations. Contact: Mettler Instrumente AG, CH-8606 Greifensee, Switzerland.