

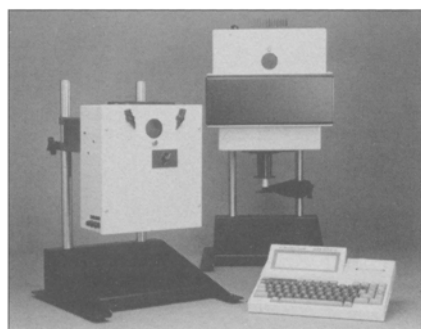
New Products

ELECTRONIC REGISTER

Tokheim PCD's Model 2020 electronic register is a device created for basic register installations. It is compatible with other meters, including those made by other manufacturers, as well as piston and rotary meters. According to Tokheim, it is priced at the same level as mechanical registers. Features include digital display, rate of flow indication and a three-year replaceable battery pack. Contact: Tokheim PCD, PO Box 360, Fort Wayne, IN 46801.

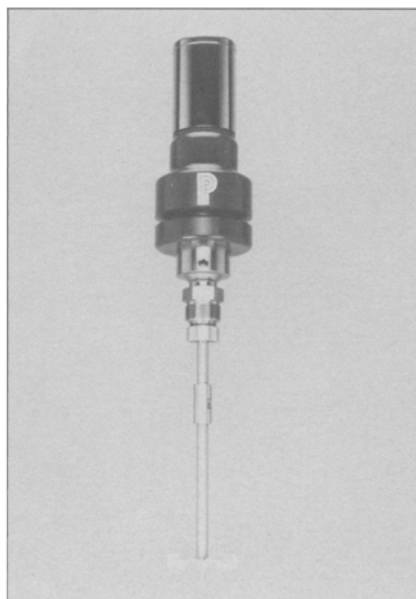
IMMERSION COOLERS

Science/Electronics offers its Grant series of immersion coolers for replacing solid CO₂ and liquid nitrogen systems in applications such as specimen cooling and shell freezing, and as accessory coolers for thermostatic baths. The coolers consist of a nickel-plated evaporator connected by a flexible, insulated, corrugated tube to a refrigeration system. Contact: Science/Electronics, PO Box 986, Dayton, OH 45401.



COLORIMETER

HunterLab's D25-PC2 δ colorimeter system offers color difference values in addition to absolute read-out. The system, which can display sample, standard and color difference values simultaneously, consists of a choice of optical sensors, a computer with internal printer and liquid crystal display, and streamlined function-driven software. Contact: HunterLab, 11491 Sunset Hills Rd., Reston, VA 22090.



MAGNETIC DRIVE

The PPI Division of Duriron has introduced the MagnaMixer magnetic drive for use in critical applications in which contamination-free mixing without leaks is required. According to Duriron, its design avoids the need for lubricants that could contaminate the process and eliminates dynamic seals that could cause leakage. The magnet material is a neodymium-iron-boron alloy that transmits up to 20% more torque than rare earth magnets. Contact: PPI Division, The Duriron Co., 900 Louis Dr., Warminster, PA 18974.

NMR SPECTROMETERS

The AC-E and AC-P NMR spectrometers from Bruker Instruments are two series of nuclear magnetic resonance spectrometers using an acquisition program in which automation controls everything from lowering the sample and shimming to plotting, integrating and selecting peaks. The systems are supported by software that includes a comprehensive library of preconfigured experiments ranging from routine proton/carbon to advanced 2D NMR spectroscopy. Contact: Bruker Instruments Inc., Manning Park, Billerica, MA 01821.

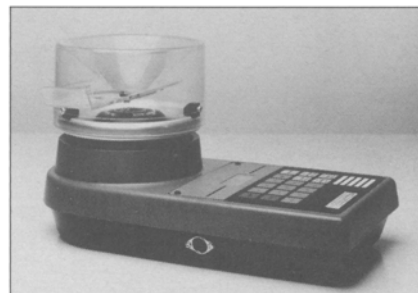
TEMPERATURE CALIBRATOR

Techne Inc. offers a deep well

portable temperature calibrator for thermocouples and RTDs. The instrument provides an immersion depth of 10 inches and will accept sensors up to a diameter of 5/8ths of an inch. The instrument operates up to 600 C and provides a temperature stability of plus or minus 0.2 C. Contact: Techne Inc., 3700 Brunswick Pike, Princeton, NJ 08540.

LAB MANAGER SYSTEM

CALS Lab Manager Revision 6.0, an integrated laboratory information management system (LIMS) from Beckman, is the current release version of Lab Manager software for DEC VAX and H-P computers. It provides full screen data entry and execution of most functions. It is capable of approval, entry of retests and dictionary maintenance by the full screen mode of operation, and test definitions, product specifications, calculations and test scheduling may be maintained and updated on-line. Contact: Beckman Instruments Inc., Laboratory Automation Operations, 160 Hopper Ave., Waldwick, NJ 07463.



MOISTURE ANALYZER

The GP moisture analyzer from Tecator is a portable programmable instrument for commodity testing. The analyzer is designed for rapid and precise moisture testing of pourable solids in the pharmaceutical and chemical industries. It is based on simultaneous measurement of weight, capacitance and temperature of the sample to give a corrected moisture reading. It works on moisture contents from near 0-35%, with accuracy within 0.2% for moisture levels up to 20%.

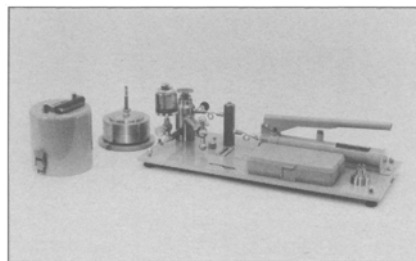
New Products

Contact: Tecator Inc., PO Box 405, Herndon, VA 22070.

761 Main Ave., Norwalk, CT 06859-0012.

ANALYTICAL WORKSTATION

The OMEGA-2 analytical workstation from Perkin-Elmer is a PC-based chromatography data-handling system designed for use with LC's and GC's from all manufacturers. The graphics-based user interface allows control with either a mouse or keystrokes. The user interface features menus in chromatographic terms and on-line help. Contact: The Perkin-Elmer Corp.,



PORTABLE TESTER
EG&G Chandler Engineering's

Model 32 portable deadweight tester is designed for rapid pressure build-up or where relatively large volumes of oil are required for testing. It features both a high-volume, hand-operated hydraulic pump and a precise-adjusting screw pump, and provides an accuracy of .05% of indicated reading with .02% accuracy optional. Its operating range is 10 to 500, 1000, 1500 or 2000 psi. Contact: EG&G Chandler Engineering, 7707 E. 38th St., Tulsa, OK 74145.

Calendar

(Continued from page 172)

1988 Mississippi Valley Oilseed Processors Association Annual Oilseed Processing Clinic, March 14-15, 1988, Monteleone Hotel, New Orleans, Louisiana. Details: Wayne E. Marshall, USDA/ARS, 1100 Robert E. Lee Blvd., PO Box 19687, New Orleans, LA 70179.

Mid-America AOCS Section meeting, March 15, 1988, Gold Buffet, North Kansas City, Missouri. Contact: Frank Doca, telephone 816-763-8377.

Workshop II in Food Flavor: A Hands-On Course in Flavor Application, March 15-17, 1988, University of Minnesota, St. Paul, Minnesota. Contact: G. Reineccius, Department of Food Science and Nutrition, University of Minnesota, 1334 Eckles Ave., St. Paul, MN 55108.

Canola Council's 1988 annual convention, March 28-30, 1988, Westin Bayshore, Vancouver, Canada. Contact: Canola Council, 301-433 Main St., Winnipeg, Manitoba, Canada R3B 1B3.

April

Northeast AOCS Section Spring Symposium, "Basic Principles of Processing Vegetable Oils," April 11, 1988, Newark Airport Marriott Hotel, Newark, New Jersey. Contact: Aura Maza, Best Foods, 1120 Commerce Ave.,

Union, NJ 07083, telephone 201-688-9000, Ext. 393.

Oxygen-Free Radicals in Health and Disease, April 18-19, 1988, Marriott Hotel, London, England. Contact: Penny Robinson, IBC Technical Services Ltd., Bath House, 56 Holborn Viaduct, London EC1A 2EX, England.

Antioxidants in Food Symposium, April 21-22, 1988, Brunel University, London, England. Sponsors are the Society of Chemical Industry's Oils & Fats and Food Groups, the Royal Society of Chemistry's local section and the European Federation of Food Science & Technology. Contact: D.T. Coxon and P.A.T. Swoboda, IFRNL, Colney Lane, Norwich NR4 7UA England.

May

Inter-Society Color Council 1988 annual meeting, May 8-10, 1988 Sheraton Inner Harbor Hotel, Baltimore, Maryland. Contact: Paula J. Alessi, 10 Bay Pk., Webster, NY 14580.

Analytical Environment Symposium and Exhibition, May 9-11, 1988, Woodfield Hilton, Chicago, Illinois. Contact: Robert S. Zutkis, INFOSCIENCE Services Inc., PO Box 153, Northbrook, IL 60065-0153.

National Cottonseed Products Association (NSPA) annual meeting,

May 12-14, 1988, Opryland Hotel, Nashville, Tennessee. Contact: NSPA, PO Box 12023, Memphis, TN 38182-0023.

International conference on Diet, Lipids and Cancer (Metabolism, Membranes, Mechanisms), May 22-26, 1988, Yulara-Ayers Rock, Northern Territory, Australia. Contact: Dr. John R. Sabine, Department of Animal Sciences, Waite Agricultural Research Institute, Glen Osmond, South Australia 5064, Australia.

International Conference on the Biochemistry of Lipids, May 22-26, 1988, Tokyo, Japan. Contact: Professor Y. Seyama, Faculty of Medicine, University of Tokyo, Bunkyo-Ku, Tokyo 113, Japan.

World Surfactants Congress II, May 24-27, 1988, Paris, France. Organized by ASPA, France; sponsored by the European Committee on Organic Surfactants and Their Intermediates, Avenue Louise 250, Bte. 102; B-1050 Brussels, Belgium.

31st Annual Canadian Institute of Food Science and Technology Conference, May 29-June 1, 1988, Winnipeg, Manitoba, Canada. Contact: Bruce McDonald, telephone 204-474-8076.

June

Workshop, Personal Computer Interfacing for Scientific Automation for Laboratory Person-