

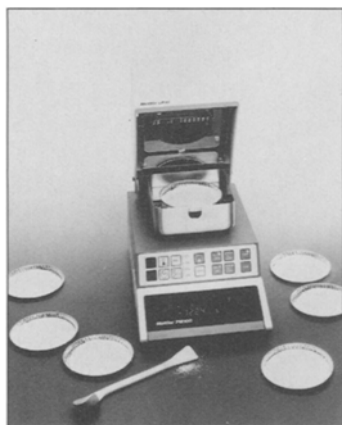
## New Products

### SPECTROMETER

The Elan 500, Perkin-Elmer's inductively coupled plasma-mass spectrometer, is designed for low-level multi-element determination of elemental and isotopic species. Features include platinum sampler and skimmer cones and a corrosion-resistant sample introduction system. An enhanced software package enables the determination of major, minor, trace and ultratrace element concentrations in the same analytical run. Contact: The Perkin-Elmer Corp., 761 Main Ave., Norwalk, CT 06859-0082.

### DOUGH VISCOMETER

Nametre's Viscoliner measures viscosity of doughs, pastes and plastics directly inside extruders. When the instrument's stainless steel sensor is immersed directly into dough, the flow viscosity is displayed, recorded and controlled continuously. Options include various flange mountings. Contact: Nametre Co., 101 Forrest St., Metuchen, NJ 08840.



### INFRARED DRYER

Mettler's LP16 infrared dryer sits on top of a Mettler PM balance to enable a check of sample moisture content. Such parameters as drying temperature, drying time, determination program and evaluation program can be selected in advance. The instrument is designed to determine moisture content for use in food production or processing labs. Contact: Mettler Instruments AG, CH-8606 Greifensee, Switzerland.

### THERMAL DESORBER

The TD4 thermal desorber from Britain permits workplace and factory air samples to be analyzed for impurities in much lower concentration than previously possible. The gas chromatographic accessory works on a two-stage desorption principle. The unit is microprocessor-controlled and is powered by a standard electrical supply. Contact: Spantech Products Ltd., Spantech House, Lagham Road, South Godstone, Surrey RH9 8HB, England.

### WATER POLISHING STATION

Labconco Corp.'s WaterPro PS line of water polishing stations is designed to produce high-purity 18 meg-ohm water at 1.6 liters/minute for a variety of applications. Polishing station models are available for specific applications, including general chemistry, HPLC analytical work and life sciences. Features include automatic recirculation, continuous color-coded water purity display, protected water delivery valve with hollow fiber final filter and six-foot tether line. Contact: Labconco Corp., telephone 1-800-821-5525.

### pH PAPERS

Tridicator and narrow-range pH papers by Fil-Chem feature more than 20 ranges encompassing both colorimetric and electrometric values and covering the pH scale. Tridicator, a tri-color paper covering 1 to 11 pH, is suited for use in waste treatment processes, and is available in 20-foot rolls. Boxes of Fil-Chem narrow-range pH paper contain 200 strips, and each range covers approximately 1.5 pH units. Contact: Fil-Chem Inc., 60 Franklin Ave., Brooklyn, NY 11205.

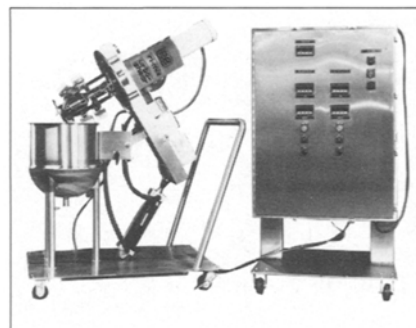
### PRESSURE CALIBRATORS

Druck Inc. offers the DPI 601 series, a line of battery-powered digital pressure calibrators. This line of compact digital instruments was developed as a microprocessor-based replacement for the company's DPI 600 series. Features include 0.05% FS accuracy, a hand

pump capable of 300 PSI, membrane touch controls, the ability to power pressure transmitters under test, push-button zero control, three pressure scales, the capability of measuring current and voltage, and an electronic filter. Contact: Druck Inc., 4 Dunham Dr., New Fairfield, CT 06812.

### ELECTRODE SYSTEM

Lazar Research Laboratories has introduced the Ultra S salt measurement system to measure salt concentration in milk, cheese, meats, canned vegetables and processed foods without using titration or other wet chemistry. The system includes a solid-state, chloride-sensing electrode and microprocessor-based pH/millivolt meter for reading salt concentration. According to Lazar, the system can be used in both liquid and solid food samples. Contact: Lazar Research Laboratories Inc., 920 N. Formosa Ave., Los Angeles, CA 90046.



### PORTABLE KETTLE

Lee Industries offers a portable kettle with a triple-motion mixer for R&D or process development applications. The Model D12T processor combines a scraped-surface, double-motion agitator with an integral high-shear mixer, installed in a portable steam-jacketed kettle. This mixing system is designed to reduce and control uniform particle sizes to two microns, and to handle product viscosities to two million CPS. Contact: Process Systems and Equipment, Division of Lee Industries Inc., PO Box 687, Philipsburg, PA 16866.