# NEW PRODUCTS

## VIAL COOLER

The I-Chem Research Vial Cooler holds twelve 40-milliliter vials and can serve as a ready-to-go sample kit. The cooler comes with a reusable gel refrigerant or a disposable cooling pack that can cool to 4°C for 12 hours. Contact: I-Chem Research, 23787-F Eichler St., Haywood, CA 94545.

## VISCOMETER

Nametre Co. has redesigned the sensor dome in its multifunctional viscometer to include a thermocouple mounted inside the surface of the viscosity measuring sensor. Other features include temperature compensation and autoranging. Contact: Nametre Co., 101 Forrest St., Metuchen, NJ 08840.


## GC SYSTEM

Carlo Erba Instruments has introduced the triglycerides analyzer, an automated system for the analysis of fatty acids, glycerides, tocopherols, sterols and triterpenic acids. It is designed for food industry applications where control of edible fats, oils and correlated derivatives is required. Features include a gas chromatograph, pneumatic module for high-temperature operations, on-column autosampler, H.O.T. cold on-column accessory, electrometer, capillary column, calibration standard and methodology. Contact: Fisons Instruments, 24911 Avenue Stanford, Valencia, CA 91355.

## SAMPLE INJECTOR

Shimadzu's automatic sample injector for gas chromatography, which can introduce six (or optionally 12) samples, has been designed to control injection speed, injection port dwell time, injection volume and viscosity compensation. Standard and "solvent flush" injection modes are available. The AOC-14 is electrically driven and can be installed via a one-step mounting system. Contact: Shimadzu Scientific Instruments Inc., 7102 Riverwood Dr., Columbia, MD.

## GRAVITY METER

Mettler Instrument Corp. offers a hand-held, direct-reading density/specific gravity meter that can be used in the field or laboratory. The unit measures density or specific gravity at preset temperatures; the built-in temperature compensation capability allows readings to be displayed at any temperature. The DA-110 operates on either battery or AC adapter power. Contact: Mettler Instrument Corp., Box 71, Hightstown, NJ 08520.

## OIL IN FEED METHOD

Oxford Analytical Instruments Ltd. has announced a method to determine oil content in animal feed using the Oxford 4000, traditionally used to determine oil content in seeds. According to the company, the method does not require complex sample preparation, special operator skills nor knowledge of analytical techniques; calculations are performed automatically by the software and answers are provided in percent oil. Contact: Oxford Analytical Instruments Ltd., 20 Nuffield Way, Abingdon, OXON, OX14 1TX, England.

## DATA LOGGERS

Science/Electronics is offering Squirrel Meter/Loggers, a line of battery-powered data logger systems which feature direct computer serial interface. The Squirrels are typically 2 x 5 x 7 inches and weigh 1.5 pounds and can be linked with appropriate transducers and sensors to log information in physiological studies, chemical plant process evaluation and agricultural applications. They record temperatures, r.h., voltage, current, pulses and eight-bit inputs. Contact: Science/Electronics, PO Box 986, Dayton, OH 45401-0986.

## IR THERMOMETER

Ircon Inc.'s new fiber-optic, infrared thermometer system measures temperatures from 350°F to 6500°F and can be used in difficult-to-reach places. The system contains a sensing head, a 3- or 10-foot fiber cable, focusable reimaging lens and an indicator/controller. Optional features include a rigid extension tip, an air purge and fiber optic illuminator. Contact: Ircon Inc., 7301 N. Caldwell Ave., Niles, IL 60648.

## ICP GENERATORS

RF Plasma Products has designed two solid-state generators for use in inductively coupled plasma (ICP) spectroscopy. The compact rack-mounted generators are designed to operate continuously at full-rated power in a production environment. Contact: RF Plasma Products, Box 490, Marlton, NJ 08053.

## SALT ELECTRODE

The Ultra S salt measurement system developed by Lazar Research Laboratories measures salt concentration in milk, cheese, meats and processed foods without using titration or other wet chemistry. The solid-state, chloride-sensing meter is specific to sodium chloride and is not affected by food color or turbidity. Contact: Lazar Research Laboratories Inc., 920 North Formosa Ave., Los Angeles, CA 90046.