

NEW PRODUCTS

PORTABLE COMPUTER

The ProStat by ControlSoft Inc. is a hand-held computer designed to monitor production variables such as material audits, incoming inspection, labor productivity, equipment downtime and waste. It allows users to enter production data while walking production lines. The data collected may be entered directly into or accessed from a personal computer by connecting ProStat to one of the computer's serial ports. Contact: ControlSoft, 21 Cabot Rd., Woburn, MA 01801.

GRAVITY METER

Mettler Instrument Corp. offers a density and specific gravity meter with built-in temperature control from 4°C to 90°C, and memory storage and recall for up to seven measurement methods. The Model DA300 Mettler/KEM density/specific gravity meter has preprogrammed concentration and temperature conversions. Programs for BRIX, API and percent alcohol are optional. Contact: Mettler Instrument Corp., PO Box 71, Hightstown, NJ 08520.

MOISTURE ANALYZER

CEM Corp. claims its AVC-80 moisture analyzer can obtain percent moisture in all types of dough products within three to six minutes. The analyzer uses microwave energy to dry the sample, a built-in balance to weigh the sample and a microprocessor computer to perform all calculations. Contact: CEM Corp., PO Box 200, Matthews, NC 28106.

VISCOMETER

Nametre's Torsional Oscillation viscometer features a resistance thermometer mounted inside the viscometer's sensor. This allows viscosity and temperature to be measured simultaneously during stirring or flow phases. By the use of autoranging, viscosity can be displayed in a range from 0.10 to 2 million mPas. Contact: Nametre Co., 101 Forrest St., Metuchen, NJ 08840.



SPECTROMONITOR DETECTOR

Milton Roy's spectroMonitor 5000 PDA detector, used alone or in combination with a personal computer, monitors HPLC samples in up to four wavelengths simultaneously. It plots absorbance derivatives, reports any wavelength ratio the user requires and stores up to 300 scans. It can also control external events such as fraction collectors. Contact: Milton Roy, LDC Division, PO Box 10235, Riviera Beach, FL 33419.

BENCHTOP CENTRIFUGES

Jouan Inc. offers two new mid-range benchtop centrifuges capable of speeds up to 3,600 revolutions per minute (rpm) with a horizontal rotor and 6,600 rpm with a fixed angle rotor. The C312 nonrefrigerated and CR312 refrigerated models are designed for clinical and research labs; both models can accommodate tubes as small as 0.5 milliliters (ml) or bottles as large as 250 ml. Contact: Jouan Inc., PO Box 2716, Winchester, VA 22601.

SOLVENT ALARM

The DROELA (Direct Reading Occupational Exposure Limit Alarm) and DROELA GC (gas chromatograph) systems detect solvent vapors in the workplace. They are designed to give warning when exposure limits have been exceeded for particular solvents and to print a record of detected levels. The DROELA can be used where occupational limits for a particular solvent vapor are in the range of 50 parts per million or more. The manu-

facturer recommends using the DROELA GC below this level and to one part per million. Contact: Cavendish Applied Technology Ltd., Unit 24, Clifton Road, Cambridge CB1 4ZD, England.

AIR PURIFIER

The AESORB, a portable, prefabricated air purification system available from Anguil Environmental Systems, was developed for use in areas where large pick-up hoods are impractical, odor generation is intermittent or movable work stations make stationary systems unusable. Various chemical media are available to control more than 300 types of odors and vapors. Contact: Anguil Environmental Systems Inc., 4927 North Lydell Ave., Milwaukee, WI 53217.



FILM MAKER

ARIES has introduced Specac's constant thickness film maker designed to produce uniform films for spectroscopic analysis. The film maker forms polymer films 32 millimeters in diameter and 15 to 500 microns thick. Contact: ARIES, 5A1 Damonmill Sq., Concord, MA 01742.

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