

## New Products

### DIGITAL THERMOMETER

Wahl Instruments introduces the Model DT-16 digital stem thermometer for food, photographic, chemical and textile industry applications. It measures 0.0 to 160.0 F with 1 F accuracy. Readings are indicated on a 1/2" liquid crystal display. Temperatures are updated every 10 seconds. Contact: Wahl Instruments Inc., 5750 Hannum Ave., Culver City, CA 90130 (800-421-2853).

### CASE IMPRINTERS

Packaging Service Industries offers case imprinters capable of printing on up to four sides of corrugated cases, at speeds up to 40 cases per minute. Fresh ink is supplied to the printing die after each cycle. Positive case transfer ensures that the case is square for printing. Contact: Packaging Service Industries, 315 27th Ave. N.E., Minneapolis, MN 55418 (612-340-6200).

### LIQUID CIRCULATOR

Haake Buchler Instruments Inc. has introduced Haake Model HT400, a high temperature circulator. It is comprised of a thermo-liquid circulator and a separate remote control box, and allows constant temperature control up to 400 C. The control box has a socket for connecting a temperature programmer or computer for running specific time/temperature programs. Contact: Haake Buchler Instruments Inc., 244 Saddle River Rd., Saddle Brook, NJ 07662 (201-843-2320).

### INDICATOR ENCLOSURES

Nema 4 and 4X indicator enclosures are available from General Electronic Systems Inc. for all 400 and 500 series of digital counting and weighing indicators. These stainless steel enclosures provide corrosion protection for use outdoors and in chemical plants, food processing areas and packing plants, and are designed to interface with one, two or three independent scales of different capacities. Contact: General Electronic Systems Inc., 914 SE 14th Pl., Cape Coral, FL 33904 (800-237-6284).

### DUPLEX STRAINERS

Hayward Industrial Products produces duplex basket strainers with steam jackets, used for liquids which must be kept hot in order to flow, such as chocolate, asphalt, resins and polymers. Because it has two baskets, the strainer can operate continually. When one basket is full, flow can be switched to the other basket, so that the first can be removed, cleaned and replaced without interrupting operations. The steam jacket is designed to accommodate steam pressure up to 100 psi. Contact: William Condon, Hayward Industrial Products Inc., 900 Fairmount Ave., Elizabeth, NJ 07207 (201-351-5400).



### SOLVENT SYSTEM

Anspec Co. Inc. offers the SM-90 solvent delivery system for high performance liquid chromatography. It can mix four solvents, with mixing and flow completely controlled from the front keyboard or through an RS-232C computer interface. It features a three-head pump design and comes with a three-year warranty. Contact: Hugh J. Montgomery, Anspec Co. Inc., PO Box 7730, Ann Arbor, MI 48107 (313-665-9666).

### TEMPERATURE CONTROL

Autoclave Engineers' latest temperature control systems provide programmable temperature control to 1300 C for electrical resistance heaters up to 30 amps (115 or 230 VAC, 50/60 Hz). The systems include a process temperature controller and independent furnace over-temperature controller. The Model MPK-CP1 temperature controller is programmable for specified temperature ramp and soak cycles. Programs can have up to

eight distinct steps with ramp times up to 100 hours and soak times up to 1000 hours. Contact: Autoclave Engineers Inc., Box 4007, Erie, PA 16512 (814-838-2071).



### MICROSCOPES

Olympus Corp.'s Olympus CK2 series of inverted microscopes features a single condenser system to permit brightfield and phase contrast observation from 4X to 40X without condenser change. Binocular and trinocular tube models are both available. The working distance condenser maintains parfocality throughout magnification changes. Contact: Olympus Corp., Precision Instrument Div., 4 Nevada Dr., Lake Success, NY 11042.

### BENCH SCALES

Fairbanks Weighing Division of Colt Industries has introduced a line of stainless steel Electron 7 bench scales. Three platform sizes from 10" x 10" to 14" x 18" and capacities from 10-100 lb are available. The scales are specially designed for harsh water-wash-down environments and can be programmed for any of 11 different levels of filtering to control the effects of vibrations. Contact: Fairbanks Weighing Div., St. Johnsbury, VT 05819 (800-451-4107).

### METERING PUMPS

The PPI Division of the Duriron Co. has added a heavy-duty single diaphragm metering pump to its DurcoMeter line. The DurcoMeter S/D pump features a built-in automatic reset hydraulic relief valve, drive parts immersed in an oil bath, totally enclosed working pump parts and heavy-duty gears. Contact: The Duriron Co. Inc., PPI Div., Box 1145, Dayton, OH 45401 (513-226-4000).