

New Products

BIOREACTOR CONTROL

Techne's BRC-1, a bench mountable control system for its BR-06 bioreactor, controls pH and dissolved oxygen. Features include controllers, synchronous motors, dosing pumps, solenoid valves, probe inputs, pH and PO₂ probes, chart recorder outputs and visual and audible alarms. The combined bioreactor system is designed for research laboratories working with mammalian and plant suspension cell cultures. Contact: Techne Inc., 3700 Brunswick Pike, Princeton, NJ 08540.

pH PEN

Nester Instruments offers the pH Pen, a miniaturized pH meter that fits in a shirt pocket. The meter displays measurements with liquid crystal display characters. The four-ounce unit is battery-powered and features solid-state circuitry and a reading lock button to hold measurement values for recording. Contact: Nester Instruments, Division of Leeds & Northrup, Sumneytown Pike, MD-222, North Wales, PA 19454-9989.

GAS FLOWMETER

The Model 110 digital electronic gas flowmeter from McMillan Co. is available in ranges from 10 ml/min to 20 l/min. The instrument displays measurements on a three-digit LCD digital display, with a 0-5VDC output provided for recording data. It includes an AC-DC adapter plug for operation on conventional AC power. Contact: McMillan Co., 1301 Sparrow Trail, Copperas Cove, TX 76522.

CHART RECORDER

The programmable Wahl WR360 digital circular chart recorder creates its own chart as it records measurements. The operator can set recording parameters and the chart design. The microprocessor-based unit accepts thermocouple and RTD inputs. Four input chan-

nels are available on multi-channel models. Options also include control capability with programmed setpoint and autotune features. Contact: Wahl Instruments Inc., 5750 Hannum Ave., Culver City, CA 90231.

pH RECORDER

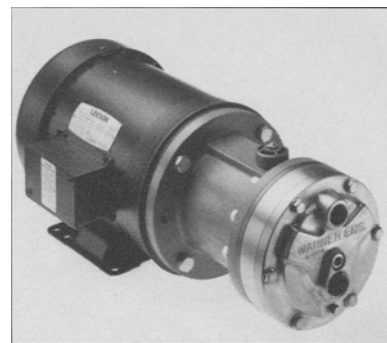
Kent Process Control Inc.'s P100pH recorder combines the features of an industrial quality recorder and pH circuitry. Routinely used controls for buffer, slope and set point are on the recording scale. BNC pH electrode connections are at the rear of the unit, as are connections for the Pt100 automatic temperature compensator and alarm outputs. Alarms are programmable through a series of dip switches. Contact: Kent Process Control Inc., 300 Columbus Circle, Edison, NJ 08837-3907.

FLOW TRANSMITTER

SignetIndustrial's MK 8500-0V flow transmitter is for use in ultra-pure water applications or in harsh environments where chemical corrosion can be a problem. It also may be used in industrial plants in which processes are monitored and controlled from centrally located control rooms. The sensor works on an electro-mechanical principle based on flow rate and volume. Contact: SignetIndustrial, 3401 Aerojet Ave., El Monte, CA 91734.

TUBE MIXER

The TM Series portable turbine tube mixer, which is manufactured by Thompson-Chemtrex Inc., is designed for mixing and blending fluids in standard 55-gallon drums and small tanks. Special lengths are available to fit smaller or larger containers. The tube mixer is available with electric, air or explosion-proof motor drives. It can be used to loosen, suspend and/or dissolve bottom sediments. Contact: Thompson-Chemtrex Inc., 921 Greengarden Rd., Erie, PA 16501-1591.



DIAPHRAGM PUMP

The Hydra-cell M10 high-pressure diaphragm pump by Wagner Engineering Inc. handles such solutions as salt water, hot water, reclaim water, slurries, wetttable powders, herbicides and fertilizers. The positive-displacement triplex pump is direct-coupled to an electric motor and is designed to pump to pressures of 1000 psi with flow rates of four, six and eight gallons per minute. Contact: Wagner Engineering Inc., 1204 Chestnut Ave., Minneapolis, MN 55403.

CALORIMETER ACCESSORY

Mettler offers an MP10 medium-pressure glass reactor as an accessory to its Mettler RC1 reaction calorimeter. This accessory expands the reaction calorimeter's applications to run in the pressure range vacuum to 10 bar over pressure. Typical applications under pressure are experiments with reactive gasses, as well as reactions in the presence of a protective or inert gas. The double-walled glass reactor is equipped with a thermostatic metal cover and a gas-tight magnetic clutch for the stirrer. Contact: Mettler Instrument AG, CH-8606 Greifensee, Switzerland.

PORTABLE FRAME

Fairbanks offers a wheel-mounted portable frame for Fairbanks' Model 23-2511, 30" × 30" electronic floor scale. The unit has a self-contained wheel-elevating mechanism and handle. Accessory #714 has one- or two-direction loading access. Contact: Fairbanks Scales, 711 E. St. Johnsbury Rd., St. Johnsbury, VT 05819.