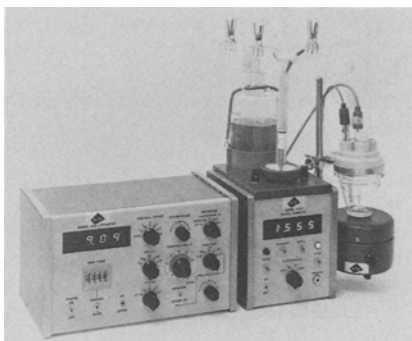


New Products



TITRATOR FOR BIOCHEMISTS

Eco Instruments says its Titrstat II titrator can provide multiple determinations on the same sample with a precision of better than 0.8%. The unit can handle a variety of titrations, including potentiometric, amperometric, thermometric and Karl Fischer. Details: Eco Instruments division of KOR Inc., 56 Rogers St., Cambridge, MA 02142.

CIRCULAR CHART

International Products and Technologies, Inc. says its Multi-Scan Model 2131J Circular Chart recorders provide a continuous record of process value that can be easily read from a distance. The 9.5-inch (240-mm) diameter rectangular chart has a calibrated width of 4 inches (100 mm). Details: International Products and Technologies Inc., 541 Davisville Rd., Willow Grove, PA 19090.

ONE-STEP SEPARATION

Supelco Inc. says its Supelcosil LC-18 high-efficiency reversed-phase columns permit one-step analysis of mixtures of triglycerides. Previous methods required two steps, one to determine the total number of carbon atoms and then separation for degree of unsaturation. The new method dispenses with argentation chromatography. Details: Bulletin 787, Supelco Inc., Supelco Park, Bellefonte, PA 16823.

ROTARY AIR PUMP

Massport's H15W rotary air pump is designed for pressure or vacuum applications where large volumes of air flow are needed. The pump has a capacity of air volume to 275 cfm, vacuum to 28 in. Hg and pressure to 35 psi. Information: Massport Inc., 6210 N. 56th St., Lincoln, NE 68505.

VIBRATION PROTECTED LEVEL SWITCHES

Fluid Products Co. Inc. is marketing liquid level switches specifically designed to compensate for constant

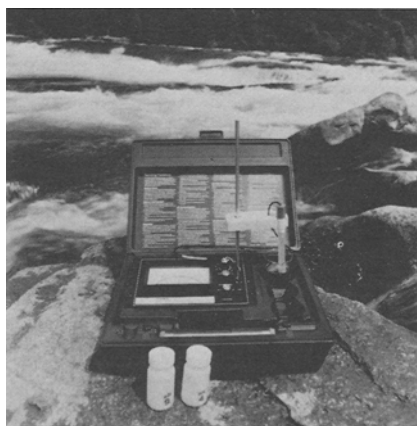
movement or vibration. The Vibra-Level Switch uses O-rings on its stem to absorb float vibrations. Information: Fluid Products Co. Inc., 14950 Martin Drive, Eden Prairie, MN 55344.

ELECTRONIC LEVEL CONTROL

C-E Invalco is offering electronic point level controls with probes designed to ignore product coatings on the probes. The Series 8100 controls are designed for use in such applications as candy manufacturing and paint manufacturing. They are designed for working pressures up to 600 psi and temperatures up to 350 F for remote models. Details: C-E Invalco Combustion Engineering Inc., PO Box 556, Tulsa, OK 74101.

ELECTRICAL PROTECTION DEVICE

Analytical Products says its Power Off Protector will protect electronic components of scientific instruments from possible damage from power surges or failures. The device withholds power after a failure until proper adjustments are made. Units are available for 115 volts AC or 230 volts AC. Details: Analytical Products Inc., PO Box 845, Belmont, CA 94002.



pH METER FOR FIELD TESTING

Fisher Scientific has introduced a pH meter, Accumet Model 156, designed for environmental and field testing. The device uses a 9-volt battery and will operate in humidity as high as 90% and at temperatures from 59 to 113 F. Information: Bulletin No. 278C, Fisher Scientific Co., 711 Forbes Ave., Pittsburgh, PA 15219.

MEDIUM, INTENSIVE MIXERS

Purnell, Inc. offers medium intensity and high-speed intensity mixers for use

in pharmaceutical, cosmetic and food processing industries. The medium speed series offers a range of sizes from 15 to 1,750 liters, the high speed offers capacities from 10 to 500 liters. Both use vortex flow patterns for thorough dispersion of active ingredients in inert materials. Information: Purnell Inc., PO Box 7488, Houston, TX 77008.



AUTOCLAVE SYSTEM

Cortest has developed an autoclave system for testing metals and polymers at pressures up to 5,000 psi and 500 F. Located on the tilted control panel are pressure and temperature gauges, an elapsed time indicator, and separate on/off switches to operate the two-coil heater, the timer and over-all power. Details: Cortest Inc., 35761 Curtis Blvd., Eastlake, OH 44094.

GEL FILTRATION COLUMNS

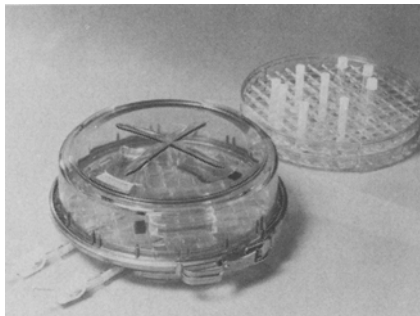
Kratos' Schoeffel Instrument Division has introduced a line of prepacked columns for gel filtration HPLC. Two basic material types are offered, one in a choice of three pore sizes and the second in a choice of six pore sizes. Columns are 30 cm x 7.5 mm. Details: Kratos Schoeffel Instrument Division, 24 Booker St., Westwood, NJ 07675.

FLEXIBLE VANE PUMP

Force Industries Inc. has introduced an anticorrosive, positive displacement, one-inch rotary flexible vane pump. The device can pump up to 20% of its capacity in sand or abrasives, the firm says, and is capable of handling acids, chemicals, caustics and insecticides. Information: Force Industries Inc., 3200 46th Ave. North, St. Petersburg, FL 33714.

INDUSTRIAL COUNTER

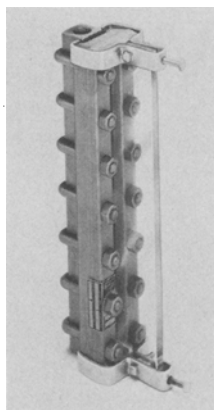
Dynapar Corp. is marketing a fully electronic industrial minicounter for \$195. The Model CA1 fits DIN standard panels. Face-mounted controls include thumb-wheel preset, reset push-button and input/output LED indicator. Details: Dynapar Corp., 1675 Delany Rd., Gurney, IL 60031.



INCUBATOR CHAMBER

Markson Science is marketing a modular incubator chamber which the company says minimizes experimental variability by providing isolation for individual experiments. The chamber may be used to grow cell cultures (tissue, bacterial and viral) in nonfluctuating environments. Components are made of a nontoxic, molded polycarbonate that can be UV-sterilized. Information: Markson Science Inc.,

PO Box 767, Del Mar, CA 92014.



LIQUID LEVEL GAUGE EXTENSIONS

Houdaille Industries' Penberthy Division is marketing a frost-proof extension for installation on direct reading liquid level gauges. Saddle clamps fit around the gauge and extension so that no bolting is needed through the gauge. Details: Penberthy Division, Houdaille Industries Inc., PO Box 112, Prophetstown, IL 61277.

NEW PRODUCT LITERATURE

Nondispersive infrared analyzers are discussed in the 12-page Bulletin 4201A, Beckman Instruments Inc., Technical Information Section, 2500

Harbour Blvd., Fullerton, CA 92634 Bellows expansion joints and flexible couplings catalog from Resistoflex Corp., Roseland, NJ 07068... A multiplestage gas odor control system is described in a 6-page brochure on the **Pepcon OdorMaster III System**, from Pacific Engineering & Production Co., PO Box 797, Henderson, NV 89015 Conductivity instruments for pure and ultrapure water measurement are described in brochures from Foxboro Analytical, PO Box 5449, South Norwalk, CT 06856.... Spextrometer Sampler describes a comprehensive line of **UV-VIS-IR Spectrometers** and accessories, from Spex Industries Inc., 3880 Park Ave., Metuchen, NJ 08840 The chemistry of the major classes of phosphine chemicals is discussed in **Phospine Chemicals** from American Cyanamid Co., Phosphine Chemicals, Wayne, NJ 07470.... Columbia Scientific Industries has a brochure on its **CSI Photocal 3000 Ozone Calibration System**; write to the firm at PO Box 9908, Austin, TX 78766.... A 28-page catalog of EM products for chromatography is available from MCB Mfg. Chemists Inc., 2909 Highland Ave., Cincinnati, OH 45212.... For a brochure on the use of antifoam agents in industrial and food processing, write Hodag Chemical Corp., 7247 N. Central Park Ave., Skokie, IL 60076....

Official Refining Cups

Highest quality stainless steel, seamless, welded handle

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DIMENSIONS - 4 1/2 inch diameter and 4 1/8 inch depth

CAPACITY - 960 ml.

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(For orders of 5 or less, add \$1.00 per cup

for packaging and handling charges)

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