

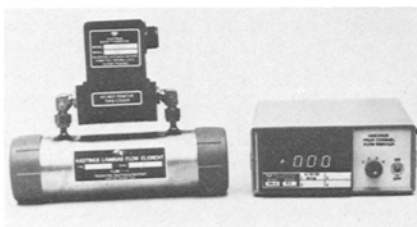
New Products

TRANSDUCERS

The Nametre Co. has available high-pressure, high-temperature transducers for use with direct readout viscometers. A small $\frac{1}{2}$ " x 5" stainless steel probe measures viscosity, and the transducer is enclosed in a water-tight/oil-tight stainless-steel sheath. Digital readout and also 0-2 V. DC and/or 4-20 milli-amp current output for continuous recording or computer interfacing can be used. Features include density compensation from 0.4 g/cm^3 to 1.4 g/cm^3 , safety barriers for hazardous area applications and a viscosity range of .00 to 2,000,000 centipoise. Contact: Name-tre Co., 1778 State Highway 27, Edison, NJ 08817.

RECHARGEABLE MOPET

Manostat has its own power to pipet with its new Mopet. Powered by a set of rechargeable batteries, this unit is designed with push-button controls and accepts any standard plastic or glass pipet from 0.5 ml to 75 ml capacity. The Mopet is supplied with a plug-in-wall charger, but an accessory charger-storage stand is also available. A quick-attach filter system can be obtained. Contact: Manostat Corp., 519 Eighth Ave., New York, NY 10018.



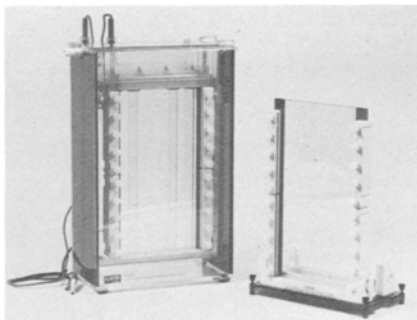
FLOWMETER

A miniature stainless-steel linear mass flowmeter is available from Teledyne Hastings-Raydist. Used for precision measurement of gas flow, it is suitable for gases compatible with 316 stainless-steel and teflon. The flowmeter generates a linear 0-5 VDC output signal. Linearity and accuracy of $\pm 1\%$ can be expected for most ranges. Ranges are available from 0-10 sccm up to 0-1500 slpm. Contact: Teledyne Hastings-Raydist, PO Box 1275, Hampton, VA 23661.

ALARM

LINC Manufacturing has introduced its L471-03 electric interface level alarm used to sound alarms, operate control

equipment and perform other control functions. The standard unit operates when the upper fluid has a specific gravity of less than .870 and specific gravity of the lower fluid is more than .970. Contact: LINC Manufacturing, PO Drawer 788, Porter, TX 77365.



VERTICAL ELECTROPHORESIS UNIT

LKB Instruments, Inc. has a new version of the LKB 2001 vertical electrophoresis unit. This 30 cm unit allows the investigator to run two double-length slab gels simultaneously with uniform cooling over the entire surface. This is helpful in electrophoretic separations requiring high resolution gradient gels. The unit also comes with casting stand, glass plates (30 x 18 cm), 15 mm spacers, 10-well sample combs, upper and lower reservoirs, safety lid and leads, heat exchanger and manual. Contact: LKB Instruments, Inc., 9319 Gaither Rd., Gaithersburg, MD 20877.

DISPOSABLE SMOCKS

Abanda disposable smocks from Disposables, Inc. are garments for use in the laboratory and industrial use. Features of the smock include a wrap-around design with reversible front panels, knee length, bound collar and extra-long waist ties for added convenience. Its DuPont Tyvek spunbonded olefin construction is tear-resistant and durable. Contact: Disposables Inc., 14 Locust St., Manhasset, NY 11030.

ELEMENTAL ANALYZER

The Model 1106 CHN/O/S elemental analyzer from ERBA Instruments features a dual-channel concept, which allows the O/S channel to act as a reference while the CHN channel is in operation. A sampler counter keeps track of a batch of up to 50 samples, which is processed automatically. A wide va-

Cargille

PRODUCTS FOR LAB AND PRODUCTION EFFICIENCY

DISPOSABLE POLYPROPYLENE GRADUATED BEAKERS

Two sizes with metric and English graduations 4 oz.- 120 ml and 17 oz.- 500 ml. Sturdy but squeezable for pouring.



PLASTIC STORAGE BOXES



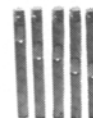
Square, rectangular, and round boxes with friction, hinged, snap-lock and slide covers. Numerous crystal-clear styles in many sizes to keep things in.

SAMPLE STORAGE SETS

Maximum storage in a minimum space. Over 25 types with bottles, vials, and various closures. Indexed, stackable and open stock.



VISCOSITY TUBES



Determine viscosity by air bubble rise method. Compare or time bubble rise. ASTM-D 1545.

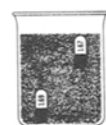
IMMERSION OILS

PCB-Free, non-drying immersion oils in 3 viscosities. Conforms to DIN 58 884 specifications.



SINK-FLOAT STANDARDS

Hermetically sealed, $\frac{1}{4}$ x $\frac{3}{4}$ ", weighted glass capsules for liquid density measurements from 0.7 gm/cc to 7.50 gm/cc range. Marked for density.



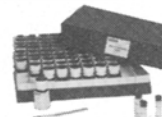
REFERENCE SETS



Research and quality control reference standards covering 200 minerals, 50 hairs, 50 fibers, and 25 foods. Reliable accuracy.

INDEX OF REFRACTION LIQUIDS

Available from 1.30 to 2.31, in single bottles or sets. Over 250 formulations.



REFRACTIVE INDEX TESTING & CONSULTING

R.I. Testing of liquids & light-transmitting solids from 1.20 to 1.85. Custom formulating for combinations of optional and physical properties. Confidential consultation regarding specific applications.

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riety of samples can be handled, including polymers and drugs, either in solid or liquid form. A light-signal system for self-diagnosis and a built-in recorder providing a printout for reference and documentation are additional features. Contact: EBBA Instruments, Inc., 4 Doulton Place, Peabody, MA 01960.



LAB HOOD

Labconco Corp. has introduced a stainless-steel hood specially designed for handling radiochemicals. Available in 47", 59" and 70" widths, the hood is chemical resistant and fire retardant. The interior is free of joints, cracks and gaskets to protect against spills and to aid in decontamination. Full visibility of the hood interior is provided by a clear, high-impact tempered glass sash. Fixtures for gas, air and water, a 230-V electrical receptacle, a 5-in. stainless-steel cup sink and a 115-V duplex receptacle come with the hood and are accessible through two large panels on the sides of the units. Contact: Labconco Corp., 8811 Prospect, Kansas City, MO 64132.

DATA LOGGERS

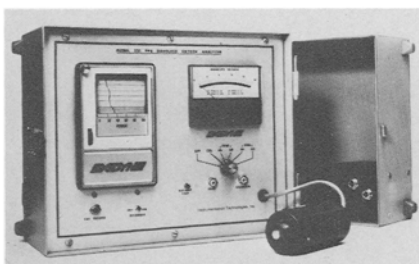
United Systems Corp. has introduced a new system of 1100 DigiTec data loggers. Composed of three models, the loggers are based on a compact 8½" x 5" x 7" CPU that is portable and can operate remote from 12 VDC source. The units monitor 20 or 40 channels at the rate of 40 ch/sec and the LED display shows channel ID, data, time and alarm status. The model 1101 features full-feature pushbutton set-up, and on-board printer which adds 7" to the housing height. Model 1102 alarm sentinel is a printerless, stand-alone 20 or 40 channel alarm monitor. Contact: United Systems Corp., 918 Woodley Ave., PO Box 458, Dayton, OH 45401.

GLASS FLOWMETER

A corrosion-resistant glass tube rotameter is now available from Fischer & Porter. The meter features flanged end fittings of Halar-lined cast iron and packings of Neoprene with wetted surface teflon lined. A heavy duty safety shield of polycarbonate protects from accidental glass tube breakage. Available in sizes ½" to 2" for capacities between 0.04 and 70 gmp water equivalent or 0.25-314 scfm air equivalent, the rotameter serves as a sight glass as the operator can see the fluid through the glass tube getting a positive indication of flow. Contact: Fischer & Porter Co., 650 County Line Rd., Warminster, PA 18974.

SELECTOR VALVE

Brunswick Technetics has introduced its Model 417 motor-operated rotary selector valve for analytical instrumentation. Offered as a package with driver electronics for easy adaption to microprocessor control units, the 417 has three basic configurations: 2 position 4-way, 3 position 4-way with one "all ports blocked" position, and as a 4-position selector valve with a common inlet or exhaust. Contact: Brunswick Technetics Div., 52 Horsehill Rd., Cedar Knolls, NJ 07927.



PORTABLE ANALYZER

Exidyne's Model 221 portable analyzer provides rapid and accurate parts-per-billion (ppb) dissolved oxygen measurements. The analyzer contains four operating ranges of 0-20 ppb, 0-200 ppb, 0-2 ppm and 0-20 ppm, while an air calibration procedure allows quick system calibration. Sample connections are made via self-sealing quick disconnect fittings. The Model 221 contains its own strip chart recorder and a meter display. Contact: Exidyne Instrumentation Technology, Inc., 251 E. Welsh Pool Rd., Exton, PA 19341.

NITROGEN SYSTEM

The C.M. Kemp Manufacturing Co. announces the development of a new system designed to produce high-purity

nitrogen for on-site applications in inerting, blanketing and purging. When a stream of air passes through a B-F carbon molecular sieve material, the oxygen is retained, while nitrogen flows through. Available in two models depending on purity requirements, the system eliminates the need to super-cool air to separate oxygen or the need to burn away the oxygen to produce nitrogen. Contact: C.M. Manufacturing Co., Glen Burnie, MD 21061.

The 104-page, September issue of the Laboratory Supplies Catalog, with illustrations and current prices of lab supplies, is available from Interex Corp., 3 Strathmore Rd., Natick, MA 01760 . . . Instruments and Systems for the Vegetable Oil Industry, containing application references for flowmeters, pneumatic and electronic controllers, level transmitters and other Foxboro products is offered by The Foxboro Co., Dept. 120, Foxboro, MA 02035 . . . A 2-page flyer, Bench Ovens, which includes three new models and their dimensions, temperature ranges, accessories and optional equipment, can be obtained from the United States Testing Co. Inc., 1415 Park Ave., Hoken, NJ 07030 . . . Bowen Engineering Inc., PO Box 898, Somerville, NJ 08876, has an illustrated, 6-page brochure, Standard Spray Dryers, that describes standard spray dryers for laboratory, pilot plant and production . . . Fiberfrax Asbestos Free Textile Products is a brochure describing the performance of the asbestos-free textile products manufactured by Carborundum Resistant Materials Co., Insulation Div., PO Box 808, Niagara Falls, NY 14382 . . . The Programmable Ashing Furnace bulletin, presenting the compact, benchtop unit that combines microprocessor control and a patented dual forced-air/gravity-convection capability, is available from Fisher Scientific Co., 711 Forbes Ave., Pittsburgh, PA 15219 . . . Duolite International, Inc., a subsidiary of Diamond Shamrock Corp., 1100 Superior Ave., Cleveland, OH 44114, has available a new brochure describing the applications and potential benefits of ion exchange resins . . . Ucarcide Antimicrobials as Preservatives, a 32-page booklet explaining the use of antimicrobials as preservatives in cosmetic, toiletry and chemical specialty products, has been issued by Union Carbide Corp., Specialty Chemicals and Plastics Div., Dept. M1552, Danbury, CT 06817 . . .