

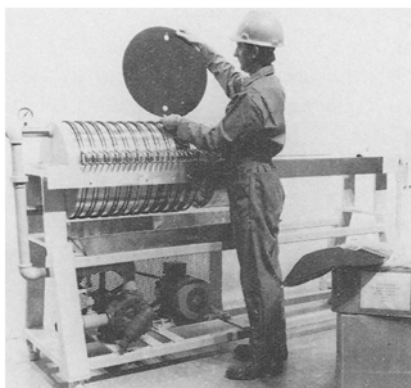
New Products

AMMETER

A British-made ammeter combines the accuracy of true root mean square sensing with the clear visibility of a liquid crystal display. The clip-on ammeter gives peak hold current, which permits reading on motor start-up to facilitate selecting and fitting fuses. Operating temperatures are from 0 C to 50 C between 10% and 85% RH. Accessories include a carrying case, test leads, nicad batteries and charger. Contact: Broyce-Marvid Ltd., Pool St., Wsolverhampton, West Midlands WV2 4HN England.

GC COLUMNS

Greatglas has announced a line of glass gas chromatography columns with sizes and configurations to fit all popular gas chromatographs. The columns are manufactured to original equipment specifications using special glass tubing with tight tolerances. The columns feature smooth, even bends and transitions to avoid packing difficulties. Constant lengths insure reproducible chromatograms from column to column. Contact: Greatglas, 2040 Telegraph Rd., Wilmington, DE 19808.



FILTER MEDIA

Star Systems has introduced a new filter media that removes free fatty acids from frying oils in plate and frame filter presses. Called Carbon Comet, this media contains activated carbon and removes particles down to the 2-3 micron size range. Made of FDA-approved materials, a sheet of the filter media is placed between each plate and frame in the filter process. As the oil passes through the media, both free fatty acids and any darkened color of the oil are gradually removed from the hot oil.

Contact: Star Systems Filtration Div., Timmonsville, SC 29161.

COLOR MEASUREMENT

Macbeth has introduced its new color measurement system with a nonvolatile memory. This memory permits permanent storage of spectral reflectance data defining the user's standard shade and tolerance. The storage of spectral reflectance data will reveal the presence of metamerism. Standard hardware is an optical sensor module, a control console with video display and dual 5 1/4 inch disk drive. Standard software provides colorimetric output. Besides the numeric output, the color differences are also displayed on a color difference plot. Contact: Macbeth, Div. of Kollmorgen Corp., PO Box 950, Newburgh, NY 12550.

OXYGEN ANALYZER

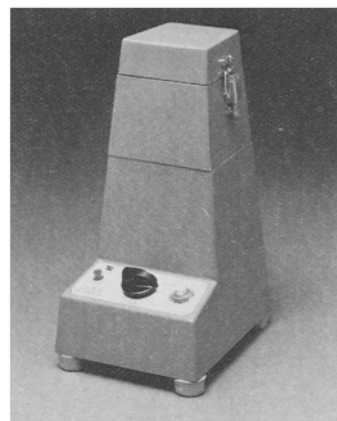
Neutronics Model 950 wall-mounted, digital, oxygen analyzer reads the percentage of oxygen in the 0-35% range with a 0.1% resolution. An electrochemical sensor measures the absolute percent of oxygen by volume and is unaffected by background gases including carbon dioxide. The instrument has an accuracy of $\pm 0.5\%$ of scale and features two alarm setpoints which are adjusted by three digit thumbwheel switches on the front panel. Both sensor and alarms may be mounted remotely or locally. Contact: Neutronics Inc., 450 Drew Court, King of Prussia, PA 19406.



TURBIDIMETER

A new turbidimeter that measures turbidity over 0.02 NTU to 1,000 NTU is available from Chemtrix Inc. This turbidimeter conforms to EPA approved nephelometric methods and is calibrated by a series of standards pro-

vided with the instrument. The standards, sample vials and focusing unit are housed in a rack built into the top of the instrument. Typical applications include water analysis and treatment, filter efficiency and chemical analysis by controlled precipitation. Contact: Chemtrix Inc., 163 S.W. Freeman, Hillsboro, OR 97123.



GRINDING MILL

Bel-Art Products laboratory grade grinding mill reduces samples to a uniform particle size of 25 microns. A heat-exchanger cools the entire grinding chamber for rapid cooling of samples. No additional drying agents are required for grinding. Liquid gases, cooled brine or cooled water reduce sample temperature. A high-speed, rotating blade within a closed grinding chamber prevents sample loss and eliminates the need to run samples through a sizing screen. Capable of handling samples from 25 to 50 ml, the mill grinds a variety of samples. Contact: TechniLab Instruments, Subsidiary of Bel-Art Products, Pequannock, NJ 07440.

AIR CLEANER

Airomax Corp. has introduced a recirculating, odor control air cleaner. The unit can control odors in areas up to 35,000 cubic ft. Twin adsorber molecules containing 110 lb of activated charcoal or 150 lb of activated alumina remove offensive odors from the air. The self-contained unit operates on 115 volt single-phase or 230 volt single-phase power supply and can be suspended from the ceiling. No ducting is required. Contact: Airomax Corp., PO Box 757, Bellmawr, NJ 08031.

New Products

ELECTRONIC BALANCE

Fisher Scientific has introduced its new SC-2000 electronic toploader, a 2,000g-capacity balance with a ± 1.0 g sensitivity and precision. The toploader features a 2-sec response time, 1.0-499.0g nonsubtractive electronic taring time. Measuring 9x6x3 in. and weighing 3 lb, the toploader is built for field, factory or laboratory use. Contact: Fisher Scientific, 711 Forbes Ave., Pittsburgh, PA 15219.

PIPETTE

Manostat's Digipet pipette is a hand-held digital readout instrument for dispensing of all liquids. The pipette reads to 0.00002 ml. The pipette, which features a two-speed filling and dispensing system, is made of Teflon so that any chemicals can be safely pipetted. Capacities available are 0.1 ml., 1.0 ml. and 10.0 ml. Contact: Manostat Corp., 519 Eighth Ave., New York, NY 10018.

NEW PRODUCT LITERATURE

Prismatics, a quarterly newsletter on production dispensing systems is available from Applied Color Systems, Inc., U.S. Highway One, PO Box 5800, Princeton, NJ... A 16-page catalog from Gem Sensors Division, Transamerica Delaval Inc., Cowles Rd., Plainville, CT 06062, includes its flow switches, transducers and meters... Labconco Corp., 8811 Prospect, Kansas City, MO 64132, brochure "How to Select the Right Fume Hood" reviews laboratory hoods available with air flow diagrams to illustrate operational differences... A 44-page booklet, "Fabrication of Cabot Corrosion-Resistant Alloys," providing general guidelines for welding, brazing, hot and cold working, heat-treating and finishing corrosion-resistant alloys, is available from Cabot Corp., 1020 W. Park Ave., Kokomo, IN 46901... The Dow Chemical Co., 2020 Dow Center, Midland, MI 48640, has a 32-page brochure, "Adhesive Solutions With Chlorothene SM and Aerothene MM Solvents," on specially formulated grades of methylene chloride and 1,1,1-trichloroethane... The 1983 edition of Transcatalog, listing mail-order descriptions of test, measurement and calibration instruments and accessories from 150 selected manufacturers, is offered by Transcat, Box D-1, Rochester, NY 14606... Werner & Pfleiderer Corp., PO Box 338, Whitehouse, NJ 08888, has published "Complete Systems for the Continuous Production of Adhesives" describing its twin-screw extrusion system for adhesives.

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