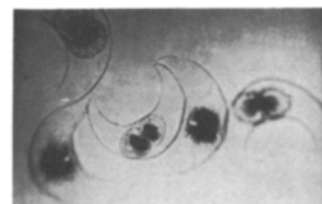
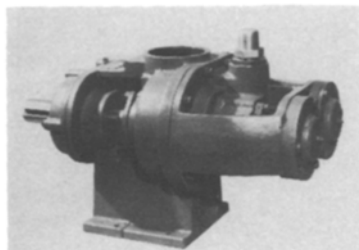


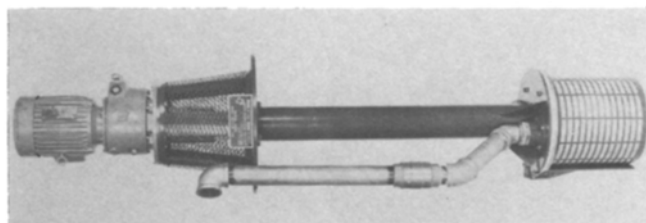
New Products



Tuthill Pump Company has introduced its Model 120 A industrial process pump with a built-in bypass. The internal bypass is designed to protect the pump when pumping against excessive outlet pressures. The pump has a capacity of 30 gallons per hundred revolutions and may be operated at speeds up to 450 rpm and with differential pressures to 450 psi. Ports are 4 in. x 3 in. Information: Tuthill Pump Co., 12500 S. Crawford Ave., Chicago, IL 60658.

Perkin-Elmer is offering free copies of three new thermal analysis application studies. These reviews describe the applications of thermal analysis (DSC, TGA, and TMA) in the food, dairy, and agricultural industries (Brochure TAAS-16), pharmaceutical industry (TAAS-17), and biology and biochemistry (TAAS-18). For free copy: Perkin-Elmer Corp., Instrument Division, Main Avenue, Mail Station 12, Norwalk, CT 06856 (tele: 203-762-1000).

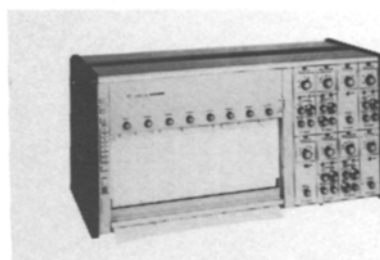
Cellulo Co. has added a new line of portable liquid filter stations, called "CLD," to their products. CLD (closed-liquid-disc) filters come in sizes from two to 30 square feet of effective filter area to handle between one and 100 gallons per minute. Spacer rings are made in two thicknesses to accommodate low or high levels of solids content. Information: Tech Facts No. 900, Cellulo Co., 27 North Ave. East, Cranford, NJ 07016.



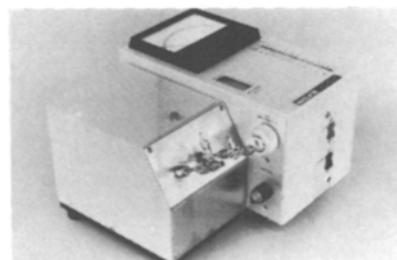
Applied Products Corp. is marketing the "Eb-Clear" filter which in use is positioned at the point of suction and is a self-cleaning liquid filter, the firm says. The filter has low micron particle separation capabilities, produces no back-flushing effluent, and does not require cleaning, Applied Products said. Information: Applied Products Corporation, 9125 S.E. 64th Ave., Portland, OR 97206.

Teledyne Hastings-Raydist has announced a new fast reponse vacuum gauge, Model FV-10, for use on sputtering systems or in other fast reponse applications. A 0-5 volt dc output signal can be used to drive remote readouts, to control pressure or to record, the firm says. The instrument provides direct reading for the range of 0-50 millitorr and 0-1,000 millitorr, plus a 0-100 linear scale which permits translation of the nonlinear dual pressure scales to the output. Information: Teledyne Hastings-Raydist, Hampton, VA 23661.

Research Devices Inc. is marketing a microscope capable of direct infrared viewing of and into organic materials, living organisms, pigments, tissue cultures, etc. Information: Research Devices Inc., 616 Springfield Ave., Berkeley Heights, NJ 07922.



Gould Inc. has announced its Gould 2800 high performance, multichannel, direct-writing recorder. The recorder has eight 40mm channels for simultaneous viewing of analog signals. The instrument is designed for a broad range of industrial, scientific, and biophysical measurement applications, the firm says. Information: Marketing Services, Gould Inc., Instrument Systems Division, 3631 Perkins Ave., Cleveland, OH 44114.



Wilks is marketing a new multiple internal reflection system to improve results in quantitative infrared analysis. The system, Wilks says, eliminates inaccurate sample dilution and cell errors introduced by the removal, filling, and replacing of the cell during repetitive analyses. Information: Wilks Scientific Corp., 140 Water St., Box 449, South Norwalk, CT 06856.

Borg-Warner Chemicals has produced a brochure on Weston 618 polymer additive, a solid phosphite stabilizer, and antioxidant synergist. The brochure gives full descriptions of the product's properties and behavior as well as detailed information on its acceptance for indirect food contact and packaging in the U.S., Europe, Japan, and Canada. Weston 618 is disteryl pentaerythritol diphosphite, available in ground or flake form. For free copy: M.J. Quam, Dept. P-2, Chemical Unit, Borg-Warner Chemicals, International Center, Parkersburg, WV 26101. ●