

NEW PRODUCTS

HYDROGENATION

Extraction De Smet has developed a new hydrogenation system that lowers catalyst consumption. By using a converter with a special agitator, catalyst consumption drops by 0.5 kilograms per ton of oil with respect to turbine-type agitators, the company said. All heat generated when the oil heats is fully recovered. Contact: Extraction De Smet S.A., 265 Prins Boudewijnlaan, 2520-Edegem, Belgium.

RH PEN

Nester's RH pen measures relative humidity in moisture-sensitive environments. It has an operating range of 0 to 100% relative humidity at 0-50°C and an accuracy of $\pm 3\%$. Contact: Nester Instruments, Division of Leeds & Northrup, Sumneytown Pike, MD-222, North Wales, PA 19454-9989.

NITROGEN GENERATOR

Spantech Products has introduced NITROX, a nitrogen generator designed to provide small-volume supplies of high-purity nitrogen in laboratories. The gas produced contains less than one part in 100,000 of oxygen and water vapor. Three models are available, producing 0.3, 2 and 4 liters/minute, respectively. Contact: Spantech Products Ltd., Spantech House, Lagham Road, South Godstone, Surrey RH9 8HB, England.

TLC PLATES

Analtech's Uniplate-T tapered TLC plate features a wedge-shaped adsorbent layer 1,700 microns thick at the top and 300 microns at the bottom. A 700-micron thick, inert preadsorbent zone is provided for easier sample application and higher sample resolution. Analtech says the wedge shape reduces vertical band spreading by allowing a more uniform solvent flow pattern. Contact: Analtech Inc., PO Box 7558, Newark, DE 19714-9990.

PLASTIC TANKS

Nalge Co. offers black, cross-linked, high-density polyethylene, cylindrical tanks for outdoor storage of corrosives. The tanks are available in eight sizes, ranging from 30 to 360 gallons. The leakproof tank provides protection against ultraviolet light and can be used at temperatures up to 150°F. Contact: Nalge Co., 75 Panorama Creek Dr., Box 20365, Rochester, NY 14602-0365.

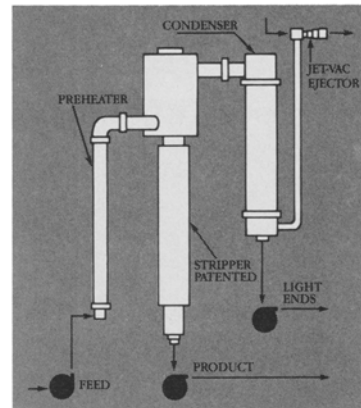
VISCOMETER

Rheomat 108 E is a portable, battery-operated viscometer with capabilities to execute shear-rate ramp programs. Data are stored automatically; they can be transmitted to a printer or a computer via integrated Centronics and RS-232C interface. The instrument can be used in quality control, research and development, and production control. Contact: Contraves, Industrial Products Division, 11258 Cornell Park Dr., Cincinnati, OH 45242.

RH INSTRUMENT DESIGN

Phys-Chem Scientific Corp. offers an information kit for engineers who need to design custom electronics for relative humidity measurement and control. The kit includes technical brochures and standard response curves for Phys-Chem RH sensors. Contact: Phys-Chem Scientific Corp., 36 West 20th St., New York, NY 10011.

Evaporator Stripper



for continuous refining of . . .

- Vegetable fats & oils
 - Animal fats & oils
 - Essential oils

Capacity ranges:
100 pounds to thousands of pounds per hour.

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