
NEW PRODUCTS

**GRAIN MOISTURE TESTER**

Dickey-john has introduced the Tri-Grain portable grain moisture tester. Its liquid crystal display provides direct moisture readings for corn, soybeans and wheat. Conversion charts for other grains are supplied. The battery-operated tester has automatic temperature compen-

sation and a built-in scale. Contact: Dickey-john Corp., PO Box 10, Auburn, IL 62615.

PESTICIDE BIOSENSOR

EnzyTec Inc. offers a self-contained pesticide biosensor that can be used in the field or laboratory. The detector uses an immobilized enzyme that selectively absorbs and concentrates insecticides. The enzyme reacts with a color substrate to indicate the absence or presence of insecticides. Contact: EnzyTec Inc., 8805 Long, Lenexa, KS 66215.

SAMPLE PREP SYSTEM

Design Scientific's automated sample solution preparation system is designed to prepare samples for liquid chromatography, spectroscopy, viscosity, NMR and other analy-

ses. It works on a solvent weight-to-sample weight basis rather than a weight-to-volume basis. Features include an electronic balance, personal computer and computer-controlled metering pump; a dot matrix printer is optional. Contact: Design Scientific Inc., 4282 Pillsbury Rd., Gainesville, GA 30501.

TITRATION CONTROLLER

The TIM90 Titration Manager by Radiometer America is designed to control routine and more complex titrations involving several reagents, titrants and electrodes. It has a battery-buffered memory allowing storage of 40 titration methods, 16 sets of titrant data and up to 64 sets of sample data. The system panel can display eight lines of information and a live titration

How to produce a fat profit.

Use the Buss Loop Reactor in a turnkey plant operation designed and built by Herzog-Hart.



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duces catalyst consumption and shortens hydrogenation times. And because the process is operated with a computer control system, just one operator is needed.

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From conceptual planning to plant start-up, our engineering team will work to achieve the success of your project. Our master planning, engineering, construction management, and pilot studies for leading firms throughout the country have earned us an outstanding reputation. We will design and build a new plant or improve the technology and performance of your existing one.

To find out how we can help you with the solutions to produce a fat profit, call or write Herzog-Hart at the address below.

**HERZOG-HART CORP.**

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See us at Booth #114 at the AOCS 80th Annual Meeting, Cincinnati Convention Center, Cincinnati, Ohio, May 3-7, 1989.

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NEW PRODUCTS

curve. Contact: Radiometer America, Department A, 811 Sharon Dr., Westlake, OH 44145.

FEED INGREDIENT TESTER

The modular 4500 NIRSystem for feed-ingredient testing measures sample liquid slurries or powders and can simultaneously test samples of crude protein, crude fat, crude fiber and dry matter. Its adjustable scan rate permits readings in both near-infrared and visible ranges. Universal calibrations are provided for a wide variety of feed ingredients. Contact: Pacific Scientific Instrument Division, 2431 Linden Ln., Silver Spring, MD 20910.

FLOWMETER

McMillan Co. offers its Series 310 flowmeters in 10 sizes ranging from 20 ml/minute to 200 liters/minute. Features of the 310-10 include a digital display meter, red-colored bar graph to show the analog equivalent of flow rate and 0-5VDC electrical output for recording. Contact: McMillan Co., 1301 Sparrow Trail, Copperas Cove, TX 76522.

MEASURING HEAD

The Model 8640 remote measuring head by ASOMA Instruments is designed to perform automatic, quantitative elemental analysis of any element or combination of elements from Al to U. It can be configured and calibrated to permit analyses on samples or sample streams that are large or difficult to reach, or for batch or in-process analyses. Contact: ASOMA Instruments Inc., 12212-H Technology Blvd., Austin, TX 78727.

ELECTRONIC COUNTER

Bio-Technologies has introduced an electronic counter for use in colony counting procedures. The system includes a counter pen, hand-held counter, open-dish counter and mounting strips. The company offers a one-year warranty on the counter. Contact: Bio-Technologies, PO Box 315, Landisville, NJ 08326.

INFRARED MICROSCOPE

Spectra-Tech has designed the IR-Plan advanced analytical infrared microscope for use in chemical analysis, research and quality control in food and beverage production. Features include an integral 0.25-mm MCT detector, resolution-enhancing techniques and accessible controls. Contact: Spectra-Tech Inc., 652 Glenbrook Rd., Stamford, CT.

COVI-OX ANTIOXIDANTS

Henkel Corp. has developed applications for Covi-ox tocopherol antioxidants in the stabilization of lard and milk fat. Literature concerning new applications for the antioxidants may be obtained from Robert Gonzales, Fine Chemicals Division, Henkel Corp., 5325 South Ninth Ave., La Grange, IL 60525-3602.

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