

New Products

HORIZONTAL ATR

Barnes Analytical/Spectra-Tech has invented a horizontal ATR to allow quick change of multiple internal reflection crystals for differing depths of FTIR spectroscopic analysis of samples. The ATR is designed to analyze smooth or pliable samples of substances such as polymers, thin films, coatings and food products. The instrument can work with any FTIR spectrophotometer. Contact: Spectra-Tech, 652 Glenbrook Rd., Stamford, CT 06906.

FLOW COMPUTERS

Three microprocessor-based instruments for liquid, gas and steam flow totalizing and preset batching are available from The Foxboro Co. Called the 75 Series FlowExpert Computing Totalizer/Batcher, the instruments are designed for use in single-loop systems where accuracy is critical. They are compatible with square law and linear flowmeters. They accept dc analog, frequency or pneumatic inputs, and display calculated flow and flow rate in

units of actual volume, standard or reference volume, mass or energy. Contact: D.L. Fowler, Dept. 120, The Foxboro Co., Foxboro, MA 02035.

pH METER-CONTROLLER

Gam Rad West offers a Z80 microprocessor-based pH meter and controller featuring slope control and pH standardization calibration, automatic and manual temperature compensation and relative millivolt calibration. Optional features include pulsed output 0-150 pulses/minute, 15 millisecond pulse for pump control; 4-20 milliampere linear, isolated output control; built-in strip chart recorder with adjustable scale and a choice of electrodes. Contact: Gam Rad West Inc., 13912 Nautilus Ave., Garden Grove, CA 92643-4027.

MICRO-GC SYSTEM

The Inscan GasSpec Oil system is a micro-GC unit combined with a UV or IV gasflow-cell which operates 'in situ' in the light path of a conventional spectrophotometer. The unit is 100 mm long and 25 mm in diameter, and is constructed of filled Teflon. It has internal twin parallel channels; one is a glass GC-column and the second is a gas-flowthrough cell into which the separated gases enter from the GC-column. Contact: Newman-Howells Associates Ltd., Wolvesey Palace, Winchester, Hants., S023 9NB, England.

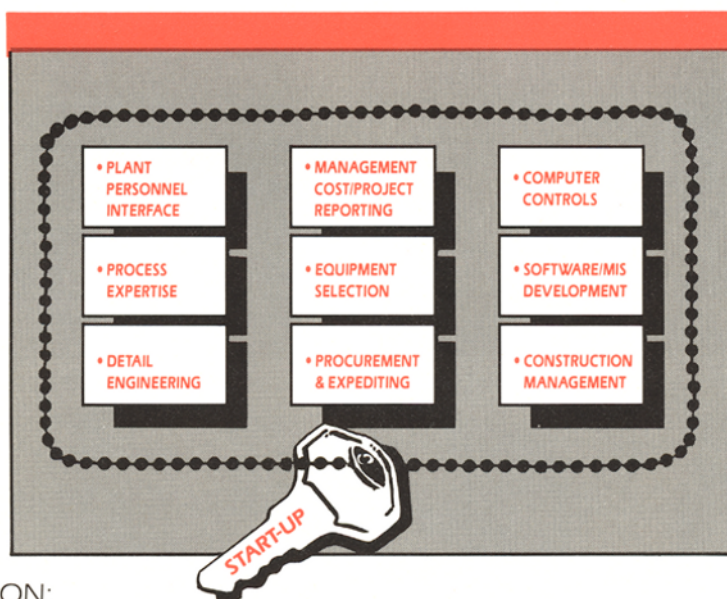
ICP SPECTROMETER

Applied Research Laboratories' 3510 sequential ICP spectrometer is designed to handle routine elemental analysis as well as non-routine analytical problems. The unit features full-color, high resolution graphics. Other features include holographic grating to provide superior resolution and direct access to any spectral line in the wavelength range 165-180 nm without backlash. Contact: Applied Research Laboratories, 9545 Wentworth St., Box 129, Sunland, CA 91040.

IN-LINE GAS DRIER

Ultra Scientific offers a line of indicating in-line gas driers with optional base plates. Designed to protect the instrument and eliminate a source of unnecessary background, the Ultra Gas Drier removes moisture, oil and foreign matter from the carrier gas. The drier uses a molecular sieve 13x and silica gel to dry the carrier gas. Contact: Ultra Scientific, 1 Main St., Hope, RI 02831.

PROBLEM: FAST TRACK PROJECT WITHIN BUDGET.



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