

new products

Hydrogen generator using palladium purification meets OSHA design requirements of safety for laboratory use and makes the purest hydrogen available. Hydrogen production rate is 150ml/min. (1/3 cu. ft. per hour); adequate for most chromatograph FID and FCD detectors and is used in environmental gas chromatographs and sulfur detectors. The units are completely self-contained and can be directly connected to utility water lines through iron exchange units to eliminate manual water supply maintenance.

Trienco Inc.
Circle No. 66 on Reader Service Card

Thermal conductivity detector for gas chromatographs assures a combination of high signal, low noise and low drift. This unit is compatible with most commercial gas chromatographs, and assures increased sensitivity of chromatographs by a new coaxial positioning of the filaments which greatly increases the symmetry and efficiency of heat dissipation and reduces turbulence and convection effects in the gas stream.

GOW-MAC Instrument Co.
Circle No. 60 on Reader Service Card

Automatic-scanning Spectrofluorometer is high performance and features exceptional sensitivity, spectral purity, resolution, accuracy, repeatability and ease of operation. Versatile modular design permits adaptations to meet individual requirements. This instrument is ideally suited to research studies in biological, medical and industrial fields as well as routine analytical assays.

Farrand Optical Co.
Circle No. 61 on Reader Service Card

Top-loading balances for precision metric weighing applications give users a new design are moderately priced. The series is well suited for the weighing needs of schools and universities, the rapid production weighing requirements of industry, and for laboratories for all routine weighings. Units are simple to use and give fast results. Weight of an object placed on the weighing pan is shown on the all-digital readout panel, in from 1-3 seconds, depending upon the model. Each unit is equipped with a convenient optical guide to aid in filling the pan. An optical tare system allows the user to deduct the weight of the containers.

Mettler Instrument Corp.
Circle No. 62 on Reader Service Card

Microspectrofluorometer for the measurement of fluorescence excitation and emission spectra occurring in single cells, tissue sections, etc.,

can be used for spectrophotometric measurements of absorption and/or percent transmission, for spectrodensitometric measurements by absorption and scattered light and autoradiography.

Schoeffel Inst. Corp.
Circle No. 63 on Reader Service Card

Colorimeter is a split-beam, two-color detection system and uses photomultipliers for detecting minute absorbance changes. Absorption changes as small as 0.0002 OD units with an optical density of 2.0 OD units can be detected.

Sanda Inc.
Circle No. 64 on Reader Service Card

Portable photometer for pollution analysis is available with 17 color filters from 327 to 970 nm and with up to four sample cells with pathlengths from 10 to 50 mm. The unit is inexpensive and easy to operate.

Laboratory Data Control
Circle No. 65 on Reader Service Card

Microdensitometer offers the unique new Automatic Baseline Computing feature which produces peak values in terms of percent-of-total, mg., or i.e.u. concentration, directly from the recorder chart without electronic computation. Integrating, pipcounting, and mathematical computation are automatically provided, and the unit handles all standard electrophoretic media and up to 3" TLC patterns, and scans a typical microcellulose acetate serum protein pattern in 15 seconds. The unit comes with a built-in 4" wide strip-chart recorder.

Canalco Inc.
Circle No. 67 on Reader Service Card

Liquid-chromatography detector uses a unique nonelectrode lamp system to monitor at 206, 254, 340 and 365 nm. Simultaneous measurement of reference and sample cells at different wavelengths is possible.

LKB Inc.
Circle No. 68 on Reader Service Card

Chemical nitrification inhibitor for biochemical oxygen demand analysis is effective and contains two-chloro-six (trichloromethyl) pyridine highly effective for both dilution and respirometric methods of BOD testing. Does not affect carbonaceous oxygen demand and is not biogradable within the limits of the BOD test. With this chemical inhibitor modification techniques such as pasteurization and acidification are no longer needed.

Hach Chemical Co.
Circle No. 69 on Reader Service Card

Test-tube shaker features two removable trays which accommodate up to 800 grams. They are silent, and accept tubes of any diameter up to 6 3/8" long. Speeds may be instantly varied

from gentle (22 reversals/min) to vigorous (70 reversals/min). Tubes can be added or removed and trays changed without turning off the motor. This shaker has many uses in the clinical, industrial or research fields.

Labindustries
Circle No. 71 on Reader Service Card

Chloride titrator chloridometer features built-in calibration and automatic zero reset. Digital display with a range of 0.1-999.9 gives results directly in meq/l. concentration.

Buchler Instruments.
Circle No. 70 on Reader Service Card

Laboratory towels are disposable, highly absorbent and have great wet strength. They are ultra soft, lint free and ideal for polishing glass surfaces, instruments or containers. The towels will not harm delicate surfaces. They can be used for lenses and for drying wet film.

Sorg Paper Co.
Circle No. 72 on Reader Service Card

Test-tube heater comes with seven interchangeable heating blocks and accommodates tube sizes from 6.5 mm to 25.75 mm. The heater is designed for flexibility and accuracy to $\pm 1^\circ\text{C}$. It is compact and can be used for tests requiring incubation from ambient to 100°C .

Thermolyne Corp.
Circle No. 74 on Reader Service Card

pH conductivity meter for use in all laboratories measures capability of four parameters: pH, conductivity, specific ion and millivolts. The unit features a precalibrated no-refill combination electrode, and comes with a dip-type cell that is automatically temperature compensated.

Markson Scientific.
Circle No. 75 on Reader Service Card

Analog strip-chart recorder is portable, and is protected by a cast aluminum case strong enough to withstand rugged field use. The unit is capable of recording voltages as low as 10 mv/division over a frequency range of dc to 125 Hz. A special heated stylus records on a 40 mm wide channel using no ink.

Gulton Electronics.
Circle No. 76 on Reader Service Card

Hygrometer measures dew point in both liquids and gases from $+20^\circ$ to -110°C . with one probe. Unit features built-in circuitry for utmost in safety, and provides maximum flexibility when used with automated systems.

Panametrics Inc.
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