



Carbon Dioxide Incubators

The 6100 series Accu-Trak Imperial III carbon dioxide monitors offer digital set points for temperature and carbon dioxide and calibrated set points for relative humidity. A digital readout provides continuous monitoring of all three parameters or set monitoring of any one of them. Interaction of measurement and control by electronics and with a feedback system offers more precise control of conditions in the chamber. Radiant warm-wall heating gives good uniformity and rapid recovery. Lab-Line Instruments. Circle 681.

Programmable Diagnostic Ultrasound Imaging System

Octoson is designed for examination of internal organs with minimum stress for the patient. Whole-body scans may be made in pediatric cases. The image acquisition protocol, rapidity of scan, and water-path interface minimize involvement of the operator, reduce the need for repeat scans, and reduce stress for the patient, respectively. Rapid scanning and water coupling offer the best combination of clarity of detail and diagnostic value as well. Ausonics. Circle 682.

Mössbauer-Effect Sources

Mössbauer-effect products include cobalt-57, tin-119m, and samarium-151 sources and iron-57, tin-119, and europium-151 absorbers, both natural and enriched. They are available in a variety of activity levels, matrices, and thick-

nesses. Matrices include palladium, platinum, chromium, copper, and others. Sources are available in foils with a thin acrylic coating, in plastic capsules, and in windowless plastic holders for cobalt-57 and in these and other forms for other isotopes. Spire. Circle 683.

Micro Kjeldahl Analyzer

The Kjeltec III analyzer requires samples up to 500 milligrams or 5 milliliters. Basic modules include a digestion system that incorporates a temperature control unit and all accessories and an automated distilling unit with accessories. Up to 2 to 150 milligrams of nitrogen may be detected in typical samples of 0.1 to 0.5 gram solid or up to 3 milliliters of liquid. The analyses are usually reproducible to within ± 1 percent and are highly accurate. Up to 40 samples may be digested per batch. Tecator. Circle 685.

Infrared Data Station for Computerized Dispersive Spectroscopy

The infrared data station operates, processes data, and displays spectra and output data from an infrared spectrophotometer. The system permits rapid analysis and storage of spectral information obtained from organic samples. Mathematic operations may be performed on spectral data and the results displayed on a screen. Several operational routines may be stored and called up at will with a keystroke. Perkin-Elmer. Circle 686.

Dew-Point Hygrometer

The 1200APS is a condensation-type instrument that features automatic control of reflectance, error correction, and a digital display. The device is compact and rugged enough for field operation. The error-reduction module, Pacer, automatically maintains the optical reflectance of the system and overcomes the ef-

fects of salt-type contaminants in the atmosphere. Sensors may be used at up to 300 pounds per square inch and over a temperature range from -80°F to 200°F . General Eastern. Circle 687.

Kilowatt-Hour Meter

The J series instruments measure voltages and currents produced by alternative generating systems and provide a digital readout of the resulting energy produced or used. They measure either direct or alternating current or a combination without anyone's having to select or distinguish between the two. The display is preserved if power is lost. There is also an output for peripheral instrumentation. Spectrex. Circle 684.

Literature

Monochromators and Systems introduces new light-processing apparatus for spectral analysis. Schoeffel Instrument. Circle 679.

Oxides of Nitrogen Analyzer gives the specifications and applications of model 1600. Columbia Scientific Industries. Circle 680.

Fume Adsorber describes an enclosure designed to remove harmful vapors from the laboratory work area. Lab-conco. Circle 688.

Radiochemicals is a catalog supplement that lists 35 new products for chemical, physical, and biological analysis. Amersham. Circle 689.

Scanning Spectrofluorometer incorporates spectra, precise ratiometric polarization, and subnanosecond-lifetime measurements in a single instrument. SLM Instruments. Circle 690.

Microprocessor Programmer for Environmental Chambers includes descriptions of formerly optional features that are now standard on new equipment. Tenney Engineering. Circle 691.

Liquid Phase Epitaxial Films on Gadolinium Gallium Garnet for Bubble Domain Memories provides specifications of this implanted magnetic material for semiconductor processing. Union Carbide, Electronics Division. Circle 692.

Electron Microscopy includes supplies, accessories, and instruments to facilitate investigations of biologic and physical characteristics of specimens at high magnifications. Ted Pella. Circle 693.

Fluorine Compounds lists more than 200 specialty chemicals from this highly reactive element. Ozark-Mahoning, Special Chemicals Division. Circle 694.

Newly offered instrumentation, apparatus, and laboratory materials of interest to researchers in all disciplines in academic, industrial, and government organizations are featured in this space. Emphasis is given to purpose, chief characteristics, and availability of products and materials. Endorsement by *Science* or AAAS is not implied. Additional information may be obtained from the manufacturers or suppliers named by circling the appropriate number on the Readers' Service Card (on pages 818A and 906A) and placing it in the mailbox. Postage is free.

—RICHARD G. SOMMER

Science

PRODUCTS and MATERIALS

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