

PRODUCTS and MATERIALS

Medical Instrument Calibration System Krypton Laser

This system (MICS) (Fig. 1) is designed for calibration of electronic apparatus in hospitals and laboratories. It includes electronic counters, digital multimeters, power supplies, signal sources, signal processors, a cathode ray tube monitor, and oscilloscope which may be combined in modular fashion for various testing requirements. Components may be removed and used individually when the instrument to be calibrated is in a confined space. The main frames and test units conform to the National Electrical Code for hospital electronic equipment. Tektronix. Circle No. 895 on Readers' Service Card.

Fourier Transform NMR Spectrometer

The model FX60 features replacement of the standard keyboard with a light pen control system which allows for complete control of each operating parameter. The device is applicable to carbon or hydrogen isotopic analyses. Sample tubes up to 10 millimeter (outside diameter) are standard. JEOL Analytical Instruments, Incorporated. Circle No. 894 on Readers' Service Card.

Mercury Ultraviolet Source

Labsource HG-125 provides nearly 18 watts in the far ultraviolet, 33 watts in the near ultraviolet, and 29 watts in the visible spectrum. Line and continuum energy is emitted with strong emission at 245, 313, 436, 546, and 578 nanometers and a very intense line at 365 nanometers. Three fiber optic light guides and a set of six optical glass filters comprise the standard system offered with this source. The lamp itself is a high-pressure mercury vapor source housed in anodized extruded material to permit cooling without a blower. PBI International, Incorporated. Circle No. 896 on Readers' Service Card.

The Little Red is a compact krypton laser that delivers 50 milliwatts at 647.1 nanometers. The device has applications in holography, optical memories, communications, and in scattering and Raman spectroscopy. The head weight is

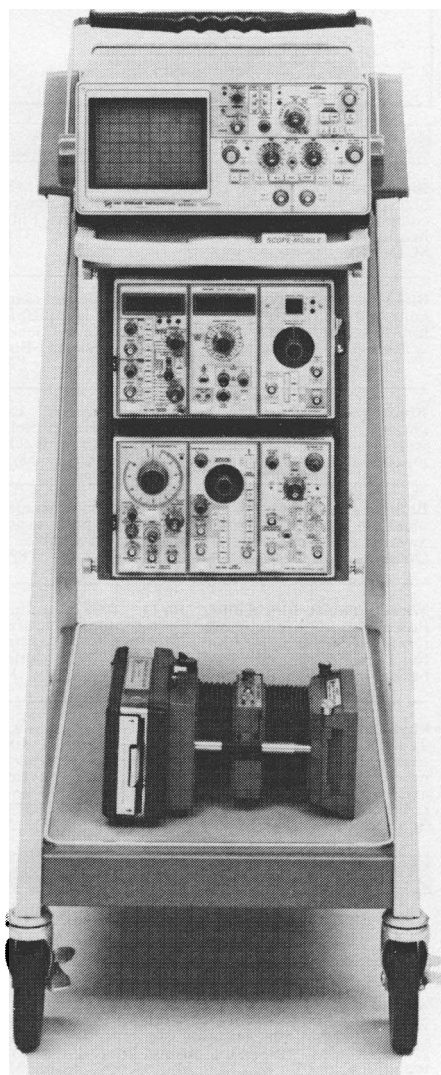


Fig. 1. With the Medical Instrument Calibration System from Tektronix, hospital and laboratory troubleshooting of electronic apparatus is facilitated. The modular components may be removed from the main frame and used in tight spaces for on-site calibration.

36 pounds and head size is 2 feet 4 inches by 5 inches by 7 inches. It is priced around \$5000. Lexel Corporation. Circle No. 893 on Readers' Service Card.

Literature

Organic Chemicals Catalog Number 47 contains data on nearly 6000 chemicals with over 1000 illustrated structural formulas. Eastman Kodak Company. Circle No. 897 on Readers' Service Card.

Ultek D-I Pumps covers a line of ion pumps with full specifications, dimensional drawings and photographs. Perkin-Elmer Ultek, Incorporated. Circle No. 898 on Readers' Service Card.

Portable Digital Transducer/Strain Indicators describes an 8-channel device and a 20-channel device for laboratory or field applications. Strainert. Circle No. 899 on Readers' Service Card.

Chromatography Notes is a quarterly newsletter devoted to liquid separations, packing materials, and instrumentation. Waters Associates. Circle No. 900 on Readers' Service Card.

Fluorescence News is a bimonthly newsletter on luminescence that covers applications, laboratory techniques, and instrumentation. American Instrument Company, Biochemical Instrumentation Division. Circle No. 901 on Readers' Service Card.

Radioassay News is a monthly newsletter which features RIA techniques, meetings, products, government regulations, and highlights of professional papers among its coverage. Annual subscriptions cost \$65. Scientific Newsletters, Incorporated. Circle No. 902 on Readers' Service Card.

PL Analects is a quarterly newsletter on topics of interest to biochemists. Products and technical innovations are described. PL Biochemicals, Incorporated. Circle No. 903 on Readers' Service Card.

A Complete Guide for Ovens is a 32-page catalog of a line of mechanical and gravity convected laboratory ovens. Hotpack Corporation. Circle No. 904 on Readers' Service Card.

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 (see pages 486A and 542C) and placing it in the mailbox. Postage is free.—RICHARD G. SOMMER

Science

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