

What's New

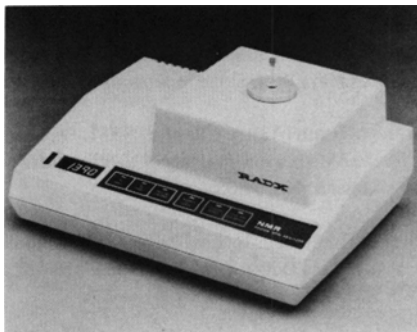
Every description of the products described below was condensed from information supplied by its manufacturer. The reviews are published as a service to the professionals working in the field of nuclear medicine and their inclusion does not in any way imply an endorsement by the Editorial Board of the Journal of Nuclear Medicine Technology or by the Society of Nuclear Medicine.

Proton Spin Analyzer for NMR

RADX has developed a proton spin analyzer suitable for application in in vitro nuclear magnetic resonance (NMR) testing. The RADX proton spin analyzer is a complete, single-unit NMR spectrometer offering fast, accurate, and reproducible measurements of T_1 and T_2 relaxation times.

Measurements are accomplished in as little as 10 sec; maximum time is 2 min and 5% precision is accomplished within 2 min.

The analyzer has been evaluated on hundreds of samples. RADX terms its



stability "outstanding," allowing concentrated measurements of the NMR characteristics of diseased and normal tissue, relative to their relationships. The unit may be integrated into a general laboratory data system.—RADX, 1390 West Belt Drive, Houston, TX 77043.

Circle Reader Service No. 51

High Pressure Stopcock

Tronomed International introduces a new stopcock for high pressure situations. The stopcock is constructed of a material that will withstand 1000 lb of pressure in any viscous (minimum viscosity of 8.4 centipoise fluids measured at 37 °C) liquid. Suggested uses for the stopcock include any regular hospital procedures, such as angiography, where pressure must be contained.—Tronomed International, 3195-A Airport Loop Dr., Costa Mesa, CA 92626.

Circle Reader Service No. 54

TLD Cards

Thermoluminescence dosimetry (TLD) cards from Harshaw Chemical Company are designed to detect and monitor exposure to radiation.

A TLD card in a holder, worn either on a belt or clipped to a lapel, contains $\frac{1}{8}$ in. lithium fluoride TL elements that "absorb" gamma and beta radiation, neutrons, and x-rays much the same way human tissue does. The card is processed in an automated personnel monitoring TLD system that utilizes solid state electronics to measure the level of radiation exposure in less than 30 sec.—Harshaw Chemical Co., 1945 East 97th St., Cleveland, OH 44106.

Circle Reader Service No. 53



Laboratory Hood

Nuclear Pharmacy, Inc. introduces the MERV-LH™ radiological fume hood, which is said to provide maximum safety to the user, protect the environment, satisfy regulatory standards, and eliminate guess work in laboratory ventilation/filtration. A totally self-contained unit and a proven performer, the MERV-LH arrives complete and ready for immediate use.

Designed and tested to become an integral part of an institution's ALARA program, MERV-LH provides radiation safety for laboratory personnel and protects the environment surrounding the laboratory from radiation and contamination releases. The unit meets ALARA requirements and NRC Regulatory Guide standards (8.10 and 8.18) on occupational exposure. It also provides a suitable working space for preparation and transfer of sterile radioisotopes.

The welded steel unit with durable polyurethane surface coating provides excellent ventilation control: 400 ft per min face velocity. MERV-LH provides high efficiency absorption and filtration of radioiodine sources, containment control, and dilution of Xe-133 and other volatile radiopharmaceuticals.—Nuclear Pharmacy, Inc., 1639 Tullie Circle, Suite 102, Atlanta, GA 30324.

Circle Reader Service No. 52

Three-Unit RIA System

Capintec, Inc. announces a new RIA system, CAP-RIA™. The CAP-RIA system consists of three units; a 16-well gamma counter, a microcomputer, and a high-speed impact printer.

The 16-well counter is capable of counting 960 tubes/hr with an efficiency level over 75% and has no moving parts to malfunction. The counter can count iodine-125, cobalt-57, or both simultaneously. The data processor unit stores up to 80 user-created protocols, provides complete calibration, displays standard curves for up to three algorithms per method, and provides complete quality control records (tabular and Levy-Jennings plots).

The CAP-RIA printer is a 120 character/sec, bidirectional printer with dot matrix resolution quality.—Marketing Manager, Capintec, Inc., 6 Arrow Rd., Ramsey, NJ 07446.

Circle Reader Service No. 60