

NEW PRODUCTS

■ Two New Dose Calibrators Offered by Capintec



Capintec offers the new BETA-C (top) and CRC-35R (bottom) dose calibrators.

Recently, Capintec added the BETA-C® and the CRC®-35R dose calibrators to its line of radiation measurement equipment for medical applications.

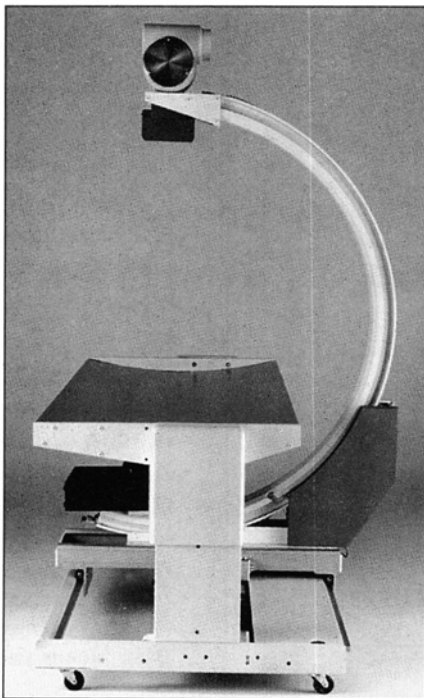
The new BETA-C Dose Calibrator simplifies precise measurement of ^{90}Sr and ^{32}P beta-emitters. This calibrator is particularly useful for meeting new NRC regulations that require accurate measurement of beta radiopharmaceuticals before administering them to patients. The BETA-C is a nondestructive beta counter designed for accurate dose calibration in both syringes and vials. The state-of-the-art NaI crystal scintillation detector measures beta activities up to 25 mCi. The BETA-C also estimates impurity levels and nullifies their effects on measurements of the principal radionuclide. Calibration factors for more than 20 radionuclides can be defined with this new device. The high-accuracy, optimized NaI crystal detector assembly eliminates problems with geometry and gamma contamination.

Capintec's CRC-35R is the latest addition to the CRC family of dose calibrators. The

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powerful CRC-35R offers time-saving and easy-to-use features in a sleek new package. This menu-driven system provides automated tracking of inventory, dose calculation, QA record keeping, radiochemical purity analysis and isotope decay correction. The CRC-35R screen displays nuclide, activity, Ci or Bq, calibration number, date and time. A high-speed printer provides peel-off label tickets and full-page reports. The CRC-35R Dose Calibrator stores in memory up to 100 radiopharmaceutical patient doses. The powerful memory also provides half-life data for 86 radionuclides, pre- and postcalibration measurement activities, and the ability to measure more than 200 radionuclides. The CRC-35R can be configured with up to eight remote ionization chambers and readouts. Capintec, Inc., 6 Arrow Rd., Ramsey, NJ 07446. 201-825-9500. Fax: 201-825-1336.

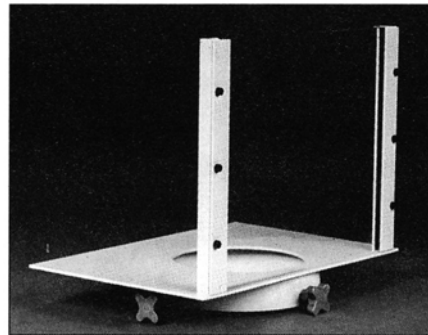
■ Lunar Introduces Expert-XL Bone Densitometer



The new Expert-XL densitometer improves the speed of bone imaging and provides low precision error. This new densitometer provides morphometry of the lateral spine, T5 through L5, in only thirty seconds. The Expert-XL's near-radiographic images enable accurate morphometry of the lateral spine without the need for separate thoracic and lumbar radiographs. The radiation dose

is five to ten times lower than radiographs and the images are excellent due to limited scatter radiation and no magnification or distortion. A motorized C-arm rotates quickly and easily to allow imaging at different angles, including the lateral spine in the supine position. Special femur rotation is no longer required. Commercial availability of the Expert-XL in the US is pending FDA clearance. Lunar Corporation, 313 West Beltline Hwy., Madison, WI 53713. 608-274-2663. Fax: 608-274-5374.

■ Nuclear Associates Introduces New Dose Calibrator Work Platform



This newly designed work platform, from Nuclear Associates, shields the technologist from radioactive materials. The shielded work platform allows the technologist to place all needed materials right at the calibrator. This reduces excessive movement of radioisotopes from the workbench to the calibrator and decreases the risk of spills. If a spill does occur, it is confined to a small work platform that can be cleaned up quickly and easily. The platform is constructed of 10-gauge steel and allows easy access to the dose calibrator so the technologist can work with increased safety, speed and ease. The steel work platform is 10 in deep by 14 in wide to hold several lead containers. All surfaces are covered with a protective epoxy enamel coating for durability and easy cleaning.

The platform's universal design provides quick mounting to most standard medicine well chambers as well as easy movement between chambers. The platform is secured to the dose calibrator with four adjustable mounting bolts on a collar.

Lead glass allows clear, distortion-free visibility and effective radiation protection. The technologist can reduce exposure by placing

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