

Long term reputation in the medical industry.

Assurance we will offer competitive pricing.

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LACO Inc.

can do it all!



The **Atomlab 950** Thyroid Uptake System is an advanced multi-purpose spectrum analysis instrument designed for diverse nuclear medicine applications. Uptake studies, bioassays, Schilling tests, hematology tests, wipe tests, and other user-defined tasks are accomplished with speed and precision using this fully integrated computer-controlled instrument and its comprehensive selection of application software. The system's multi-channel analyzer has 1024 channels, with separate input connections for the probe and optional well counter. Engineered for portability, durability, and operational efficiency, the Atomlab 950 handles clinical tests, safety compliance tasks, and system administration procedures quickly and

accurately. Task-specific software provides step-by-step guidance throughout all procedures, automatically performs calculations, stores patient information and test results, and outputs clear, concise reports. The "Procedure Definition" screen is used to set up a facility's standardized test protocols by selecting the most appropriate program, editing program parameters to suit specific facility requirements, or by creating an entirely new procedure. When program design or modification is completed, the new program is stored for future use. A toolbar "help" button provides detailed system assistance.

The self-contained Atomlab 950 system is configured on a mobile platform with locking casters and a base that measures only 30" by 31.5" (76 x 80 cm). An upper shelf supports the computer, monitor, keyboard, and trackball mouse. A lower shelf supports the color inkjet printer. The base of the stand incorporates a shelf to hold the optional well counter. A 2" x 2" NaI(Tl) detector with collimator articulates on a counterbalanced arm. Twenty-two inches (56 cm) of vertical travel allows the probe to be positioned up to 55" (140 cm) from the floor to accommodate seated or supine patients. The probe swings more than 180° on the horizontal plane, and extends outward up to approximately 34" (86 cm) from the support column. This design makes positioning for uptake studies simple and comfortable for both patient and technologist.