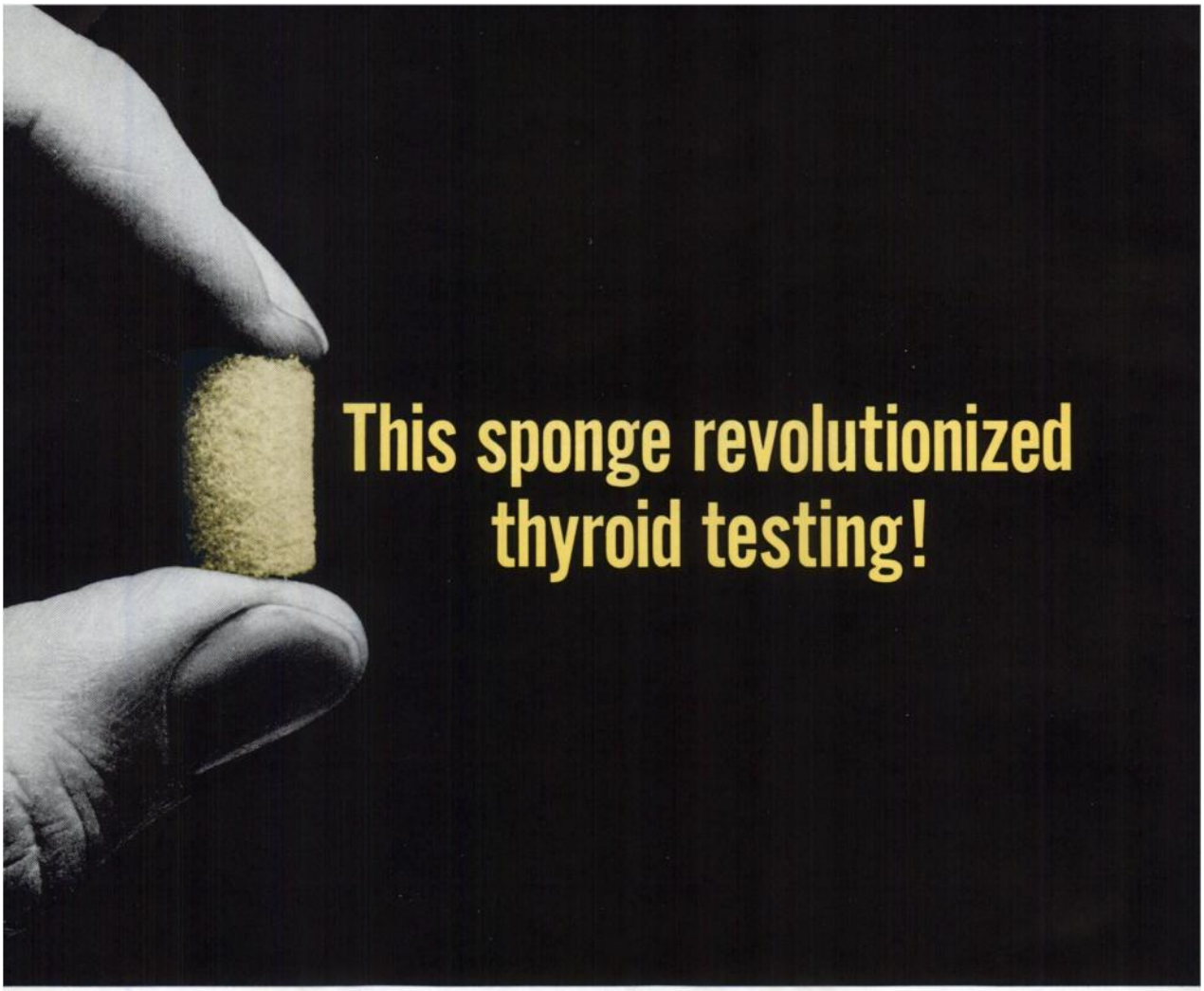


By eliminating the disadvantages of earlier methods, the Triosorb Sponge has achieved a real breakthrough in thyroid testing. **It is an in vitro test unmatched in accuracy, speed and convenience.**

Accuracy: Because factors such as red blood cells and exogenous iodine have been eliminated from consideration in the Triosorb Test, it is unmatched in accuracy.

Speed: With only 3 washes and no need for double pipettings, shakers, or incubators, the Triosorb Test can be more rapidly performed than any other T-3 test.

Convenience: Triosorb is in a disposable kit ready for immediate use at room temperature, making it the simplest and most convenient thyroid function test to perform.

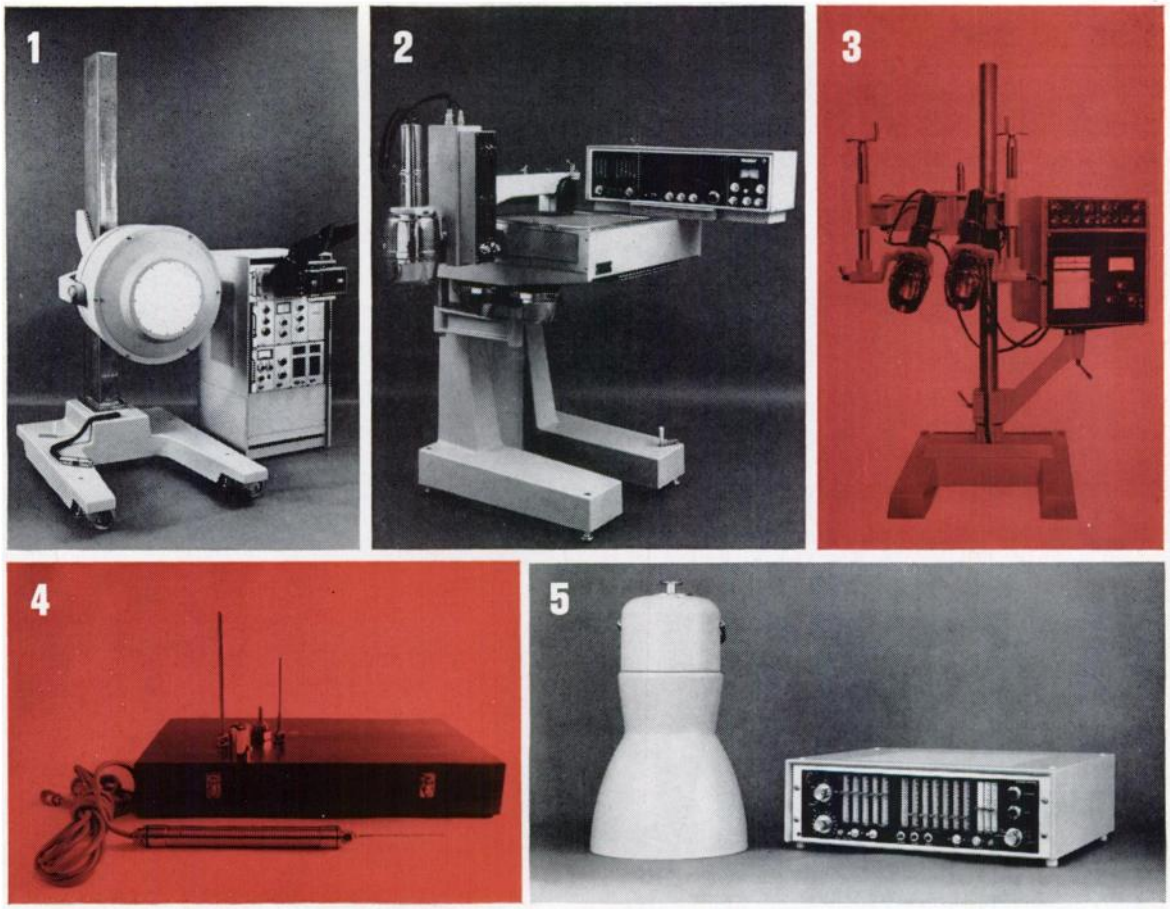
McAdams* reported that "The resin sponge (Triosorb) technique is superior to the erythrocyte method for performing the I^{131} T3 test in terms of simplicity, convenience and elimination of errors characteristic of the erythrocyte procedure."

Triosorb is available to all doctors, hospitals and clinical laboratories – AEC licensing is not required. Because Triosorb will enable far more screenings to be performed, this procedure may soon become as standard as today's blood counts and urinalyses.

*McAdams, G. B. and Reinfrank, R. F., Journal of Nuclear Medicine, 5:112, Feb., 1964. 411270

TRIOSORB®

T-3 DIAGNOSTIC KIT



1. Pho/Gamma Scintillation Camera. 2. Pho/Dot Isotope Scanner. 3. Renaltron IV. 4. Miniature Surgical Scintillation Probe Set. 5. Well-Detector Counting System with Analyzer/Scaler.

NUCLEAR INSTRUMENTS FOR CLINICAL RESEARCH AND DIAGNOSIS: COMPLETE, CURRENT, CREATIVE

Since 1946, Nuclear-Chicago Corporation has designed and produced versatile, automatic instruments and systems for clinical research and diagnosis.

The instrument or system that bears the Nuclear-Chicago name often provides the stimulus for the increasing use of radioisotopes in clinical medicine. Here are but a few examples. There are more—instruments and systems of proven merit and constantly enlarging application.

Pho/Dot™ Isotope Scanner—the most advanced scanner available. Automatic controls take the guesswork out of scanning. Separate photo- and dot-recording systems produce a superb display of the location and concentration of isotope-labelled compounds within the human body.

Pho/Gamma™ Scintillation Camera—faster, more efficient than the most advanced photomechanical scanner. Because of its speed and sensitivity, it can (1) produce complete pictures of radioisotope distribution in organs or body areas at speeds up to ten times faster than photomechanical scanners and (2) produce rapid-sequence, stop-motion pictures of dynamic processes such as the flow of isotopes into and out of an organ.

In-Vivo Counting—with Thyrad™ and Renaltron™ Systems for evaluating thyroid uptake and kidney function. Both use highly efficient NaI(Tl) crystal detectors plus the latest solid-state electronics for reliable, long-term performance.

In-Vitro Counting—with the largest selection of manual and automatic gamma systems. Advanced electronics, sensitive NaI(Tl) crystal well-type detectors ensure a high order of reliability.

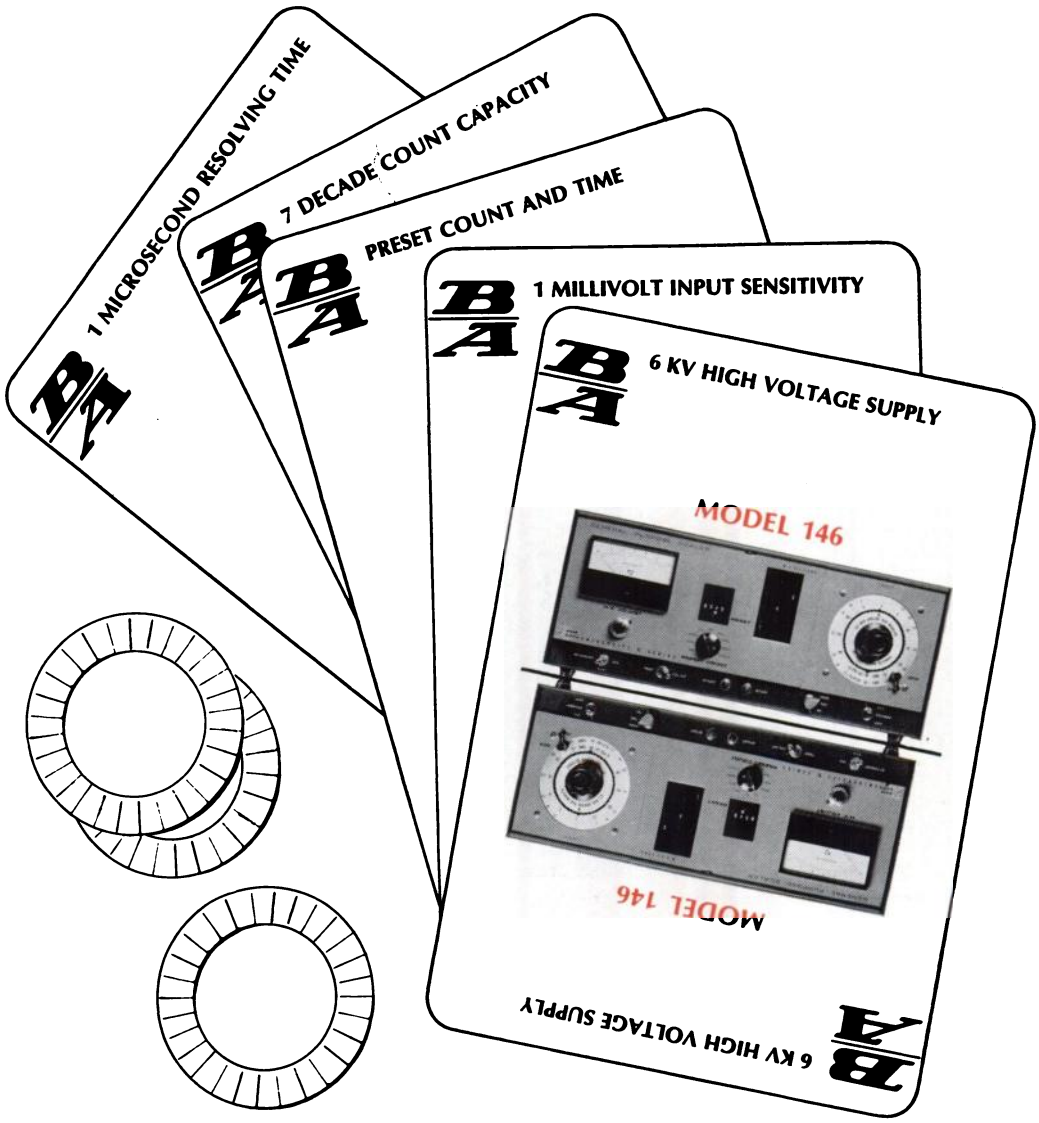
Clinical Accessories—include a variety of mobile detector stands and instrument racks. Also available are specialized detectors for surgical applications and a selection of scintillation detectors, collimators, and lead shielding.

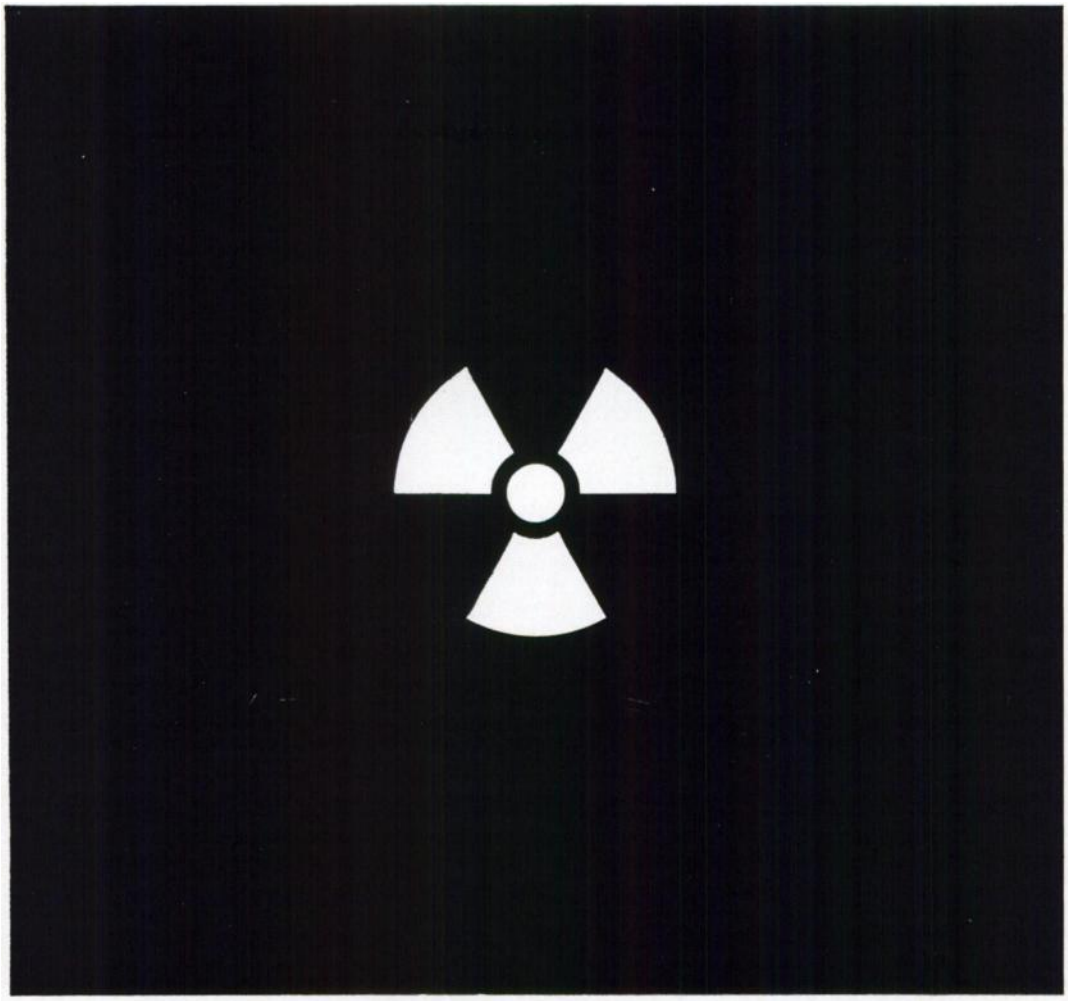
For further details, consult your Nuclear-Chicago sales engineer.

NUC:D-4-240

NUCLEAR-CHICAGO
A DIVISION OF NUCLEAR CHICAGO CORPORATION
313 Howard, Des Plaines, Ill. 60018 U.S.A.

Donker Curtiusstraat 7
Amsterdam W, The Netherlands

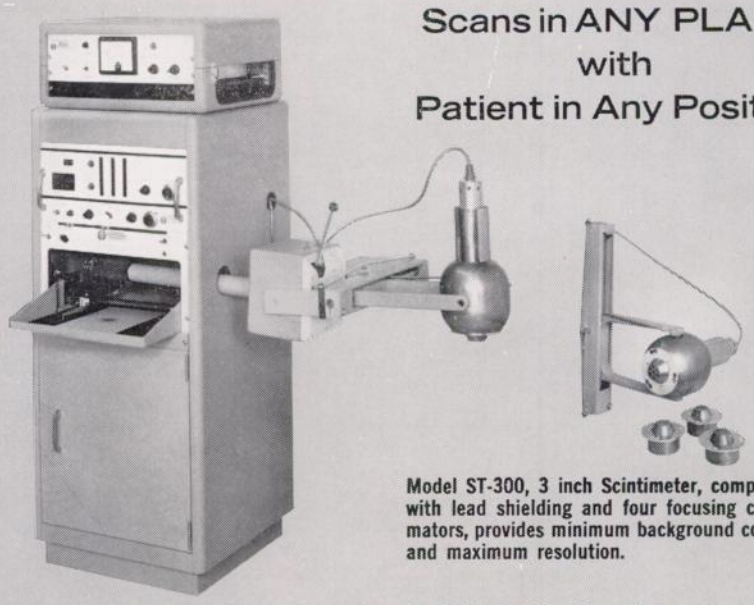




universal II scintiscanner

Shown with 3″ Detector and Photoscanner

Scans in ANY PLANE with Patient in Any Position



Model ST-300, 3 inch Scintimeter, complete with lead shielding and four focusing collimators, provides minimum background count and maximum resolution.

Variable Scan Speed and Adjustable Spacing

The only scanner that accepts both 2 and 3 inch detectors for scanning in any plane, Curtis Nuclear's Model SN-250 Scintiscanner is designed to scan the brain, heart, liver, kidneys and other vital organs with no discomfort to the patient. A one operator instrument, its modular construction permits its use with a wide selection of detectors, collimators, and counting and recording instruments. Features includes "joy stick" positioning, no large "over-the-patient" structure, illuminated outline of scan area, and universal head assembly that allows a multitude of tests in addition to scanning.

When connected with the dual, transistorized Photoscanner, Model PS 123T, the scanner provides a choice of either continuous film exposure (rate) or periodic exposure (integral).

Write for complete information and specifications to . . .

CURTIS NUCLEAR CORPORATION

"first in scanning"

THE ORIGINAL REED-CURTIS

1948 East 46th Street, Los Angeles, California 90058