

Breakthrough In Thyroid Testing

Announcing

TRIOSORB^{Trademark}

T-3 DIAGNOSTIC KIT*

An in vitro test unmatched in accuracy, speed & convenience

Triosorb represents a major breakthrough in thyroid testing because it replaces the red blood cells in the test. Triosorb sponge is a polyurethane foam in which is embedded a pre-measured ion exchange resin.

ACCURACY: Because only serum is used (instead of red blood cells) and there are only 3 washings, accuracy is greatly increased. Triosorb also permits accurate evaluation of thyroid function under certain circumstances where other standard methods may not be applicable. For example, it may be used following the administration of iodine-containing compounds or during the course of treatment with thyroid medications.

SPEED: Triosorb sponge can be washed quickly. The 3 washes can be completed in one or two minutes—compared to the red cell technique requiring 5 time-consuming washes and centrifugations. Triosorb does not require an incubator or shaker.

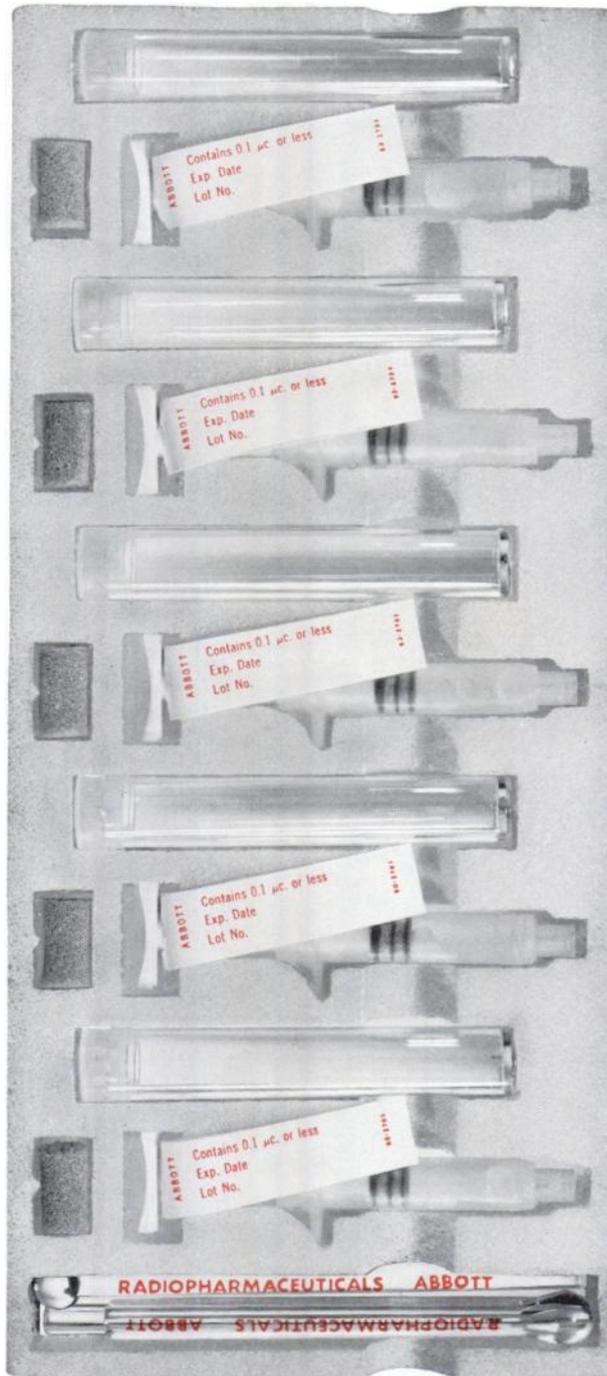
CONVENIENCE: It is in a disposable kit form ready for immediate use at room temperature (25° C.). Correction factors are available if room temperature varies.

SAFETY: No dilution or pipetting of radioactive material is necessary. Since the patient receives no radioactive material, the test can be used in children, pregnant women, or in adults who fear ingestion of even tracer doses of radioactivity. Each syringe contains only 0.1 μc . or less of I^{131} activity—an amount so minute that no special licensing is required by the AEC for its use.

FLEXIBILITY: The test does not require the presence of the patient for the determination of the radioactivity. The serums can be frozen and saved until a sufficient number has been collected to run a rack full of tubes at one time.

SUPPLIED: Each Triosorb Diagnostic Kit is made up of two trays (such as the one pictured to the right) containing: 10 syringes filled with Triomet[®]-131 [Iodine-131], 10 Triosorb Sponges, 10 plastic test tubes with caps, 2 plungers, and 2 aspirator tips.

Triosorb is available to all physicians, hospitals and clinical laboratories—AEC licensing is not required.

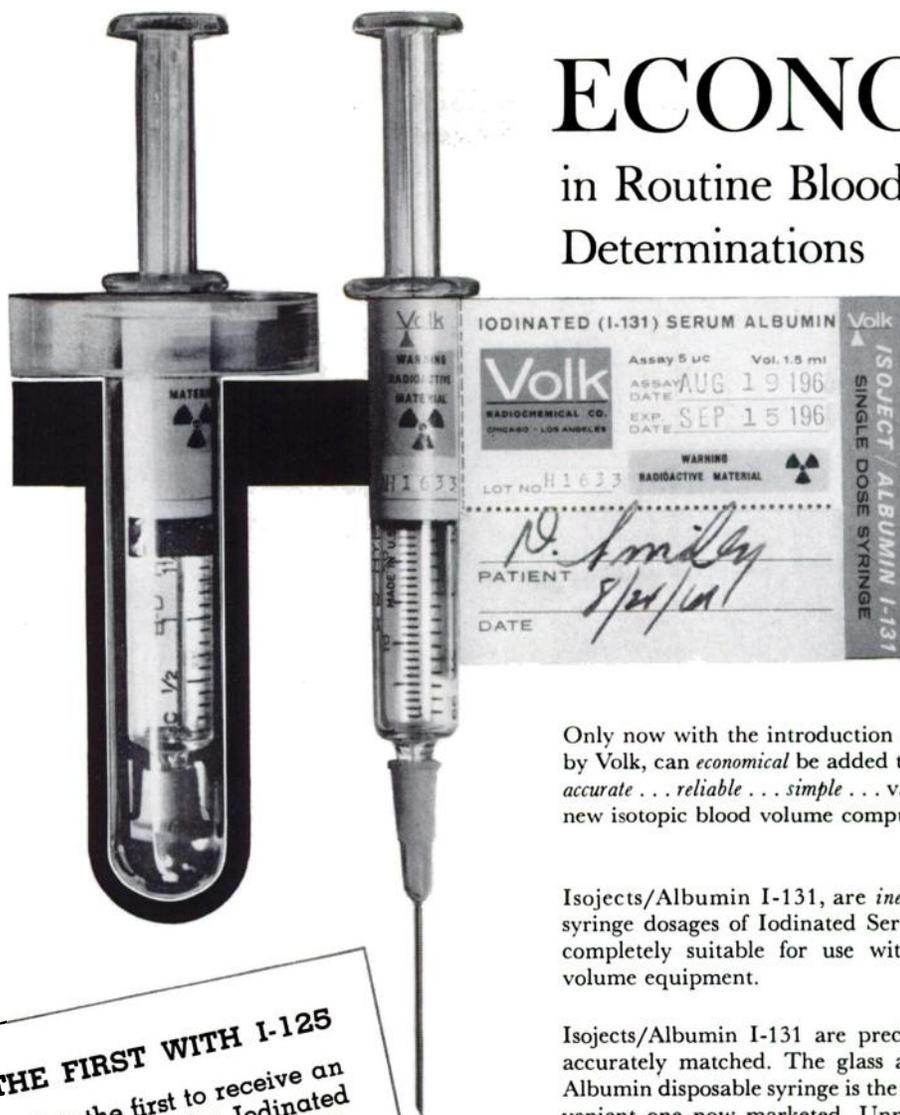


ABBOTT LABORATORIES
PIONEERS IN RADIO-PHARMACEUTICALS
North Chicago, Illinois / Oak Ridge, Tennessee

*Patent applied for.

ECONOMY

in Routine Blood Volume Determinations



THE FIRST WITH I-125
 Volk is the first to receive an N.I.H. license for Iodinated Serum Albumin I-125. This 60-day half-lived, low radiation dose, product is also available in Isoject/Albumin form and usable in modified automatic equipment.

Only now with the introduction of Isojects/Albumin by Volk, can *economical* be added to the terms: *fast . . . accurate . . . reliable . . . simple . . .* validly describing the new isotopic blood volume computer technic.

Isojects/Albumin I-131, are *inexpensive* individual syringe dosages of Iodinated Serum Albumin I-131, completely suitable for use with automatic blood volume equipment.

Isojects/Albumin I-131 are precisely measured and accurately matched. The glass and rubber Isoject/Albumin disposable syringe is the safest and most convenient one now marketed. Unnecessarily elaborate packaging has been eliminated to make possible a unit dosage cost of less than \$1.50 per measurement with volume purchasing.

Available in 5 and 10 microcurie potencies. All necessary adjuncts—disposable needles, well-crystal guard tubes, blood sample tubes, and Isoject Adaptors for any machine—are furnished by Volk.

For further details or to order: Call Collect

Volk RADIOCHEMICAL CO.

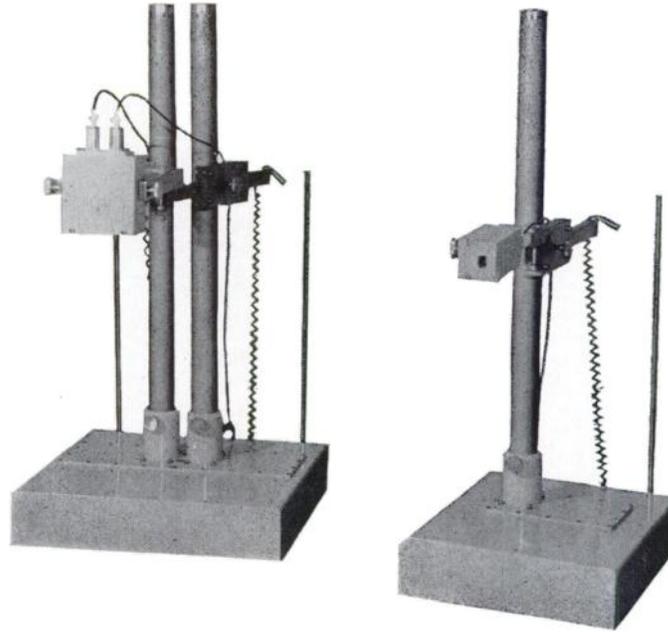
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DETECTOR POSITIONING STANDS



The Detector Positioning Stands shown above are examples of our willingness to cooperate in modifying our standard products for special clinical or research applications.

These stands are our standard Model 69B Detector Positioning Stands, but the shields and detectors are especially designed for measuring radioisotope uptake in dog kidneys.

However, the primary point of this advertisement is to tell more people about our superior, more sturdy, more flexible, easily positioned, reasonably priced, mobile detector positioning stands.

They are available in one-, two-, and three-detector models. The columns and supporting arms are complete, individual units and may be installed in a wide variety of combinations on three different bases. (The two-detector unit shown in the photograph has the columns placed close together, but two other wider spacings are also possible on the same base.)

These detectors positioning stands are built for heavy shields. Detectors three inches in diameter can be shielded with lead two inches thick.

Vertical positioning is precisely controlled by a hand-held switch and electric motor drive. The articulation of the support arms and rotation of the columns permits positioning the detector and shield at any angle.

The low, heavy base assures stability at all times and it rolls easily on heavy, industrial-type, ball-bearing casters.

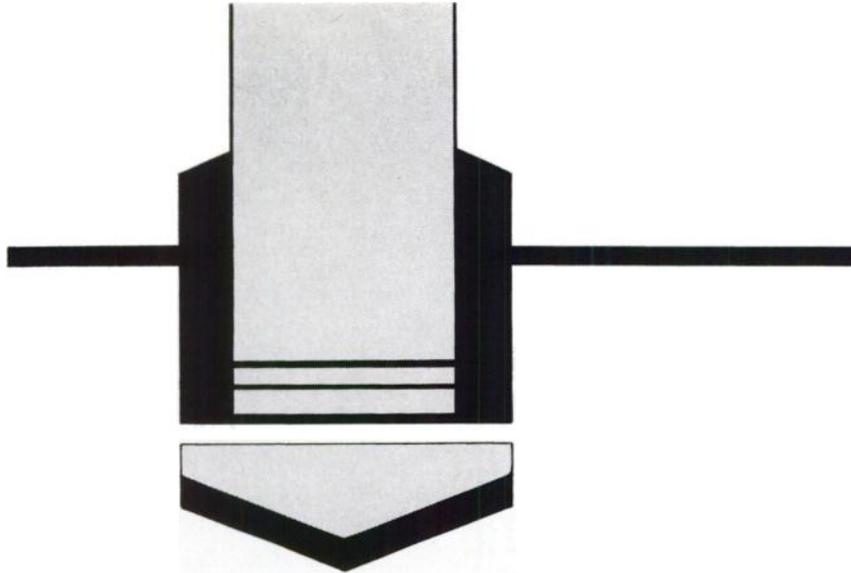
Dimensions and specifications: over-all height, 62 inches; base height, 7½ inches; detector heights variable 17 to 54 inches above floor; vertical speed, 30 inches per minute; detector extends to 30 inches from column; base dimensions, 24 × 28 inches for single detector model and 28 × 32 inches for multiple detector models; each detector may be positioned completely independently; positive, foot operated floor stops; 110 volt AC power.

Our usual one-year unconditional warranty applies, of course.

If these detector positioning stands might be of interest, we would be pleased to hear from you. Write or telephone collect and talk to Don Steel or Dick Platt (Area Code 216 Number 621-8477).

OHIO — NUCLEAR, INC.

1725 FALL AVENUE
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NOW NUCLEAR_x OFFERS
Chlormerodrin Hg203
(“NEOHYDRIN”)

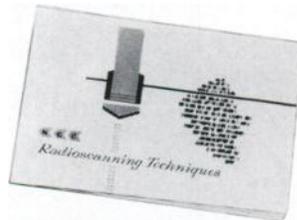
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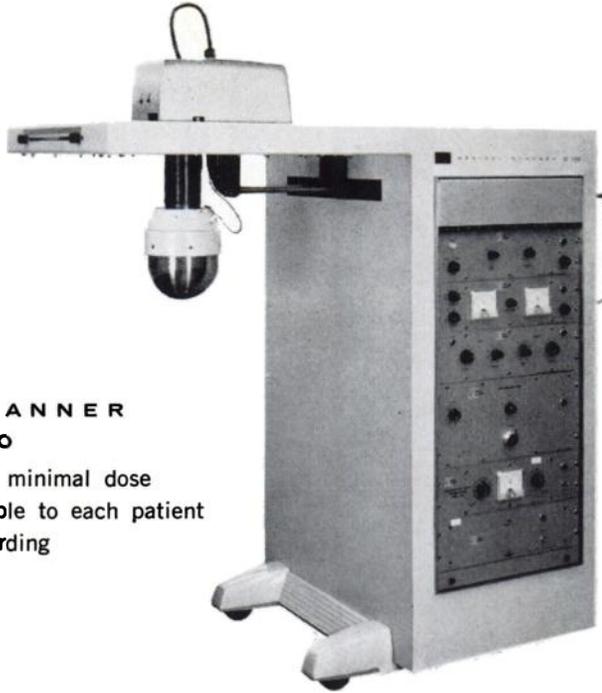


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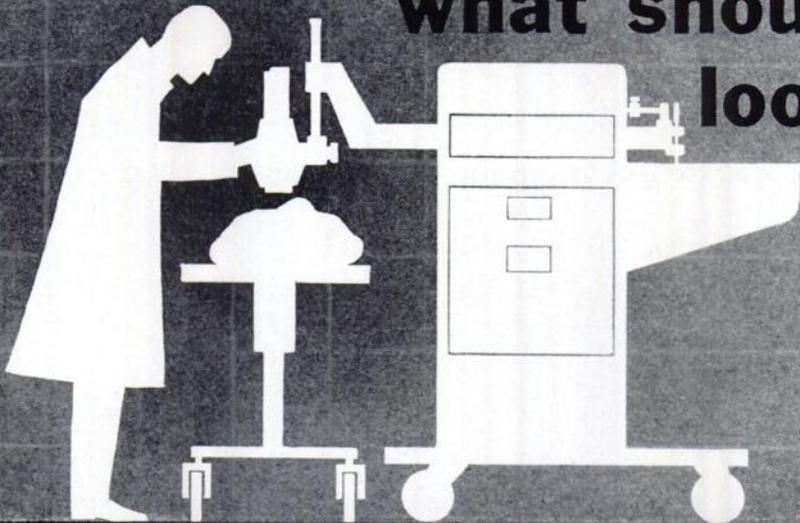
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Only on the Picker Magnascanner do you have complete access to the detector and fingertip control for positioning it anywhere in the horizontal plane, as well as positive action vertical adjustment.

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Just try one and see.

Magna Scanner

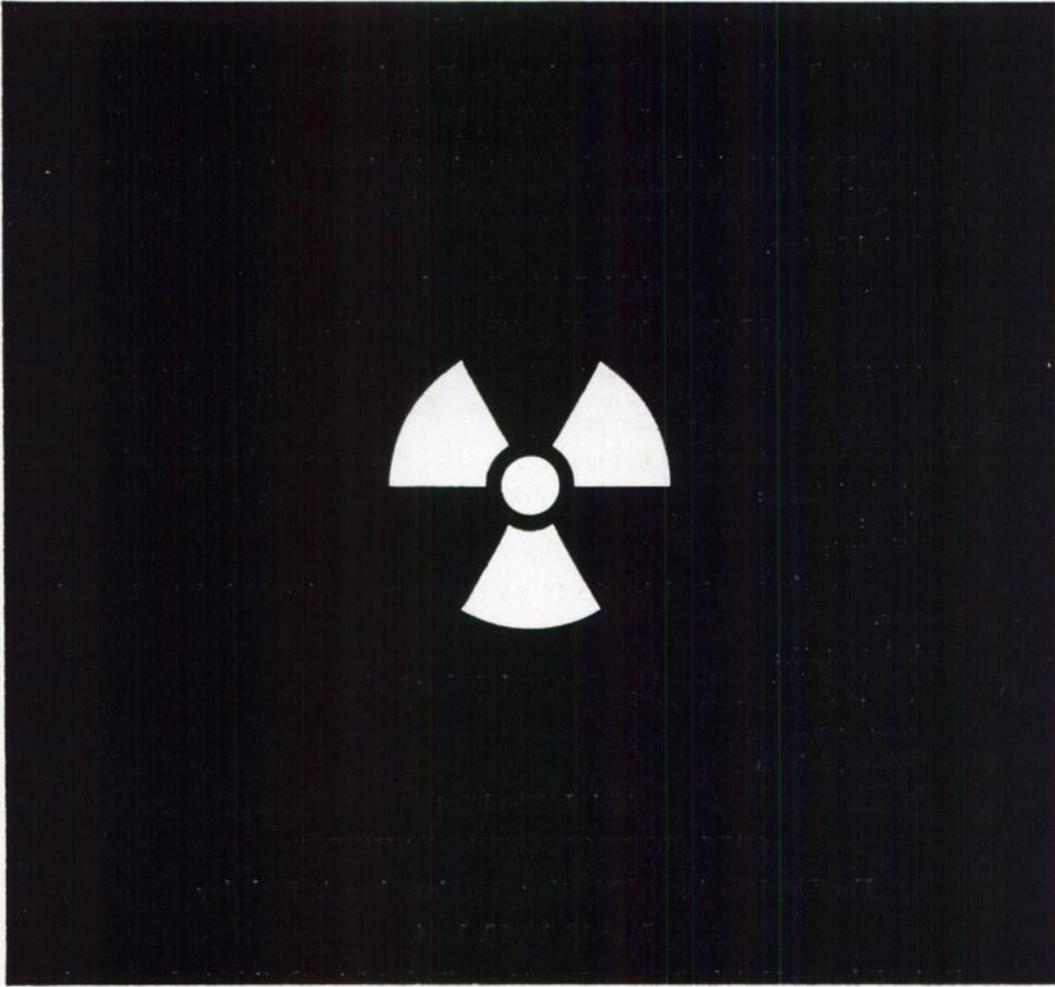
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- **Easily**
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