



SEM

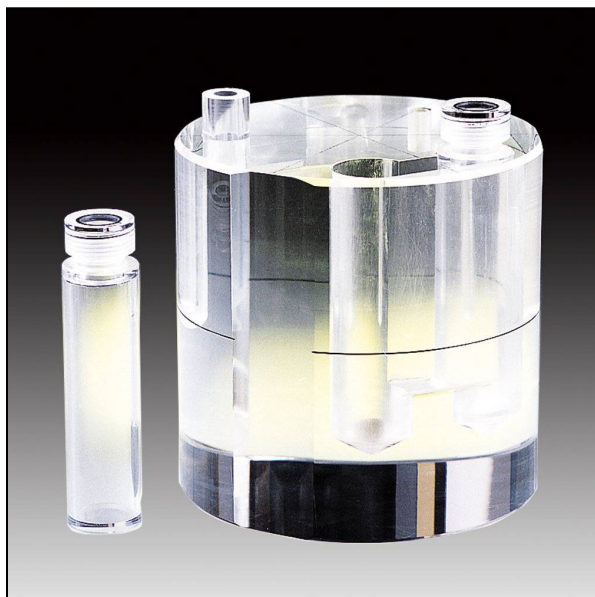
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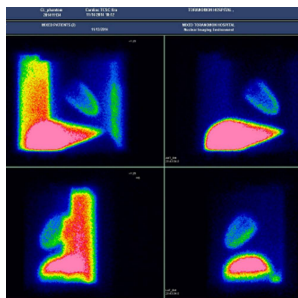
ORINS Thyroid Phantom ITS

Item No. PH-26
Weight 8 KG
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories: Radiology Phantom



Product Description

A phantom by the ORINS standards

Features

1. Oak Ridge Institute for Nuclear Studies type phantom for measurement of thyroid radionuclide uptake / 2. Cavities for iodine-131 are prepared in the neck phantom

Training skills / Applications

Set includes

Size (approx.)

Packing size (approx.)

Weight (approx.)

Packing weight (approx.)

Materials

Production ? Development Supervision

Publication references

Update

SPECT
1 adult head model / 1 storage case / 1 sample data (DVD)
12.5 dia. x 12.5 (H) cm/4.9dia. x 4.9(H) in
W46xD31xH32cm / W18.1xD12.2xH12.6in
approx. 5.3kg / 11.7lb
8kg / 17.6lb
Acrylic resin
Hidetake Hara Ph.D., RT Department of Radiology School of Allied Health Sciences Kitasato University, Japan
Hara, H., Muraishi, H., Ogawa, Y., Chikaraishi, K., Inoue, T., Abe, S., Satoh, H., Gomi, T. & Mimura, H. (2010). A New Iterative Reconstruction CT Technique of Forward Projected Model-based IR Solution (FIRST): Evaluation of Image Quality at Head CT using a Cerebral Stroke Phantom Model. Poster session presented at the 2019 European Congress of Radiology, Vienna, Austria. doi: 10.26044/ecr2019/C-1060
July 7, 2020

Why Choose the ORINS Thyroid Phantom ITS for SPECT Thyroid Uptake Measurement in India?

The ORINS Thyroid Phantom ITS (Item No. PH-26, Brand: Kyoto Kagaku, Japan) is an Oak Ridge Institute for Nuclear Studies (ORINS) type phantom purpose-built for measuring thyroid radionuclide uptake. Cavities for iodine-131 are built into the neck phantom, enabling standardized calibration and quality assurance for thyroid uptake studies. Developed under the supervision of Hidetake Hara, Ph.D., RT, Department of Radiology, School of Allied Health Sciences, Kitasato University, Japan.

Training applications:

- SPECT (thyroid radionuclide uptake measurement)

Set includes: 1 adult head model, 1 storage case, 1 sample data (DVD).

Specifications:

- Size approx. 12.5cm dia. x 12.5cm H (4.9in dia. x 4.9in H)
- Packing size approx. W46xD31xH32cm (W18.1xD12.2xH12.6in)
- Weight approx. 5.3kg (11.7lb)
- Packing weight approx. 8kg (17.6lb)
- Materials: Acrylic resin

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of Kyoto Kagaku products in India with over 30 years of experience supplying nuclear medicine and SPECT calibration

phantoms to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: What is an ORINS-type phantom? A: ORINS refers to the Oak Ridge Institute for Nuclear Studies standard for thyroid uptake phantom design — a recognized reference standard used to calibrate and validate thyroid radionuclide uptake measurements.

Q: How do I order from SEM Trainers? A: Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.