SEM TRAINERS & SYSTEMS
WHERE TIME MOVES AHEAD TO KEEP PACE WITH KNOWLEDGE
SEM- Scientific Educative Methods in Science, Engineering & Medicine

Mobile :	+91 88495 63724	**Email:**	sem@semtrainers.com
Mobile 1:	+91 98791 03905	**Website:**	www.semtrainers.com

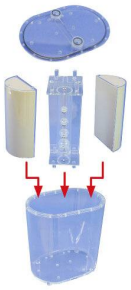
Bone Scintigraphy Quality Assurance Phantom

Item No.	PH-74
Weight	
Brand	KYOTO KAGAKU, JAPAN

Read More

SKU:

Categories: Radiology Phantom



Product Description

An innovative QA phantom for Bone Scintigraphy, Bone SPECT/CT and NaF-PET

Features

1.The phantom can represent either thoracic or lumbar region by changing the filling of side cavities

Training skills / Applications	Visual Evaluation: / Tumor detectability / Image distortion / Artifact / Quantitative Evaluation: / Contrast and count ratio between vertebral body
Set includes	1 phantom / 1 screwdriver / 1 funnel / 1 petroleum jelly / 1 needle / manual
Size (approx.)	External dimensions: W31 x D21 x H35.5 cm Internal dimensions: W29 x D19 x H30 cm
Materials	Acrylic resin / Tough lung (PVA acetal compound)
APPLICATION	Bone scintigraphy / Bone SPECT/CT / NaF-PET
Update	August 10, 2020

Bone Scintigraphy Quality Assurance Phantom (PH-74) — QA for Bone Scintigraphy, SPECT/CT & NaF-PET

The Bone Scintigraphy Quality Assurance Phantom (Item No. PH-74) by Kyoto Kagaku, Japan is an innovative QA phantom purpose-built for three related nuclear medicine imaging modalities: bone scintigraphy, bone SPECT/CT, and NaF-PET.

One phantom, two anatomical regions. The phantom can represent either the thoracic or lumbar region by changing the filling of its side cavities — letting institutions run QA testing across both spinal regions without needing separate phantoms for each.

Supports both visual and quantitative QA evaluation. Visual evaluation covers tumor detectability, image distortion, and artifact assessment — the practical, real-world checks that matter for diagnostic image quality. Quantitative evaluation covers contrast and count ratio between vertebral bodies, giving objective, measurable QA data alongside visual assessment.

Materials: acrylic resin and tough lung (PVA acetal compound) — durable materials suited to repeated QA testing over time.

What's included: phantom, screwdriver, funnel, petroleum jelly, needle, instruction manual.

Size: external dimensions W31 × D21 × H35.5 cm; internal dimensions W29 × D19 × H30 cm.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorised distributor of Kyoto Kagaku products in India with over 30 years of experience supplying medical simulators and clinical skills trainers to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: Can this phantom test both thoracic and lumbar regions? A: Yes — by changing the filling of the

side cavities, the same phantom can represent either the thoracic or lumbar spinal region.

Q: What imaging modalities does this support? A: Bone scintigraphy, bone SPECT/CT, and NaF-PET.

Q: What QA checks can be performed? A: Visual evaluation (tumor detectability, image distortion, artifact) and quantitative evaluation (contrast and count ratio between vertebral bodies).

Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.