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Pediatric Chest Phantom

Item No. PH-1C
Weight 14kg
Brand KYOTO KAGAKU, JAPAN

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SKU:

Categories: Radiology Phantom



Product Description

A phantom representing a five-year-old for practicing and performing imaging and dosimetry

Features

Training skills / Applications

Set includes

Size (approx.)

Packing size (approx.)

Weight (approx.)

Packing weight (approx.)

Materials

Related products

Update

1. Two types of interchangeable lung inserts are included - lung vascular insert and lung density insert. 2. Pencil-shaped ion chamber for CTDI can be set in the mediastinum, TLD or RPL dosimeters can be set in the thyroid block and the lung density insert. 3. Detachable internal structure allows insertion of variety of pathologies and targets.
CT plain X-ray dosimetry radiographic interpretation
1 five-year-old chest torso / 1 lung vasculature insert: mediastinum with pulmonary vessels / 1 lung density insert: mediastinum, lung fields (L/R) / 1 set of sample images / 1 storage case / manual
W32 x D17 x H38 cm W12.6 x D6.7 x W15 in
W51 x D43 x H45cm W20.1 x D16.9 x H17.7in
6 kg / 13.3 lb
14 kg / 30 lb
Soft tissue: urethane based resin (density 1.06) Synthetic bone: epoxy resin (density 1.31)
Multipurpose Chest Phantom N1 "LUNGMAN" Pediatric Whole Body Phantom "PBU-70"
July 15, 2020

Why Choose the Pediatric Chest Phantom for Pediatric CT and Dosimetry Training in India?

The Pediatric Chest Phantom (Item No. PH-1C, Brand: Kyoto Kagaku, Japan) represents a five-year-old child for practicing and performing pediatric imaging and dosimetry. Two interchangeable lung inserts are included — a lung vascular insert and a lung density insert — allowing training scenarios tailored to different diagnostic focuses. A pencil-shaped ion chamber for CTDI measurement can be positioned in the mediastinum, and TLD or RPL dosimeters can be placed in both the thyroid block and the lung density insert. The detachable internal structure allows insertion of a variety of pathologies and targets.

Training applications:

- CT
- Plain X-ray
- Dosimetry
- Radiographic interpretation

Set includes: 1 five-year-old chest torso, 1 lung vasculature insert (mediastinum with pulmonary vessels), 1 lung density insert (mediastinum, lung fields L/R), sample images set, storage case, manual.

Specifications:

- Size approx. W32×D17×H38cm (W12.6×D6.7×H15in)
- Packing size approx. W51×D43×H45cm (W20.1×D16.9×H17.7in)
- Weight approx. 6kg (13.3lb)
- Packing weight approx. 14kg (30lb)
- Materials: Soft tissue — urethane-based resin (density 1.06); synthetic bone — epoxy resin (density 1.31)

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

Frequently Asked Questions

Q: What's the difference between the two lung inserts? A: The lung vascular insert emphasizes mediastinal and pulmonary vessel anatomy, while the lung density insert focuses on mediastinum and lung field density — allowing you to switch focus depending on the training scenario.

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