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CT Abdomen Phantom

Item No. PH-5

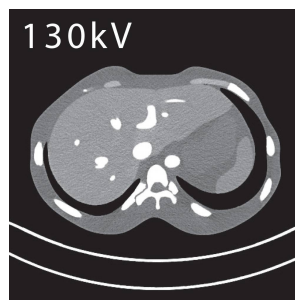
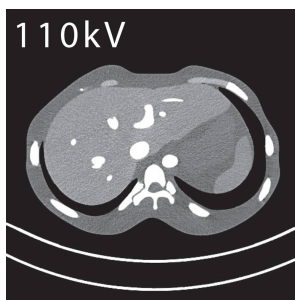
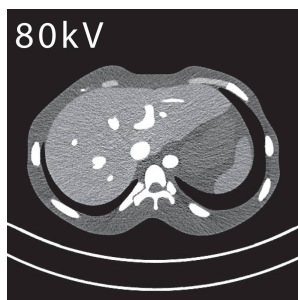
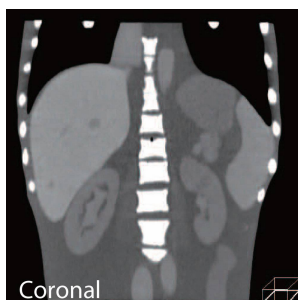
Weight 19 kg

Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories: Radiology Phantom



Product Description

The phantom facilitates study of image fusion between CT and ultrasound in combination with US-1 Echozy*. New variation for MECT has been added.

Features

Training skills / Applications

Set includes

Size (approx.)

Packing size (approx.)

Weight (approx.)

Packing weight (approx.)

Materials

Anatomy

Update

1. Two variation to meet your requirements: CT type (no contrast enhancement) MECT type (vessels with 13mgI/ml** iodine and the liver of multi-energy CT compatible material).**Concentration of iodine can be custom-ordered.

CT Multi energy CT

1 abdomen phantom / 1 set of sample X-ray data (DVD) / 1 storage case / manual

W27 x D16 x H30 cm W10.6 x D6.3 x H11.8 in

W44 x D39 x H42cm / W17.3 x D15.4 x H16.5in

12 kg / 26.4 lb

19kg / 42lb

Soft tissue: urethane based resin (density: 1.06) /

Synthetic bone: epoxy resin (density: 1.31)

lungs (no internal structure) / heart (no internal structure) / liver / portal vein / gallbladder / hepatic vein / hepatic artery / kidneys / pancreas / spleen / aorta / IVC / spinal column / ribs / *Vessels and organs with a contrast agent can be included as a special order.

July 20, 2020

CT Abdomen Phantom (PH-5) — CT & Multi-Energy CT Abdominal Imaging Training

The CT Abdomen Phantom (Item No. PH-5, 12 kg) by Kyoto Kagaku, Japan facilitates study of image fusion between CT and ultrasound in combination with the [US-1 ECHOZY phantom](#), giving institutions a way to train cross-modality image correlation — an increasingly important skill as multi-modal imaging becomes standard practice.

Two variants for different training needs. The CT type has no contrast enhancement, suited to fundamental CT training. The newer MECT type includes vessels with 13mgI/ml iodine and liver material compatible with multi-energy CT — supporting more advanced training on contrast-enhanced and multi-energy imaging technique. Iodine concentration can be custom-ordered to match your institution's specific training requirements.

Comprehensive abdominal anatomy. The phantom includes lungs and heart (structural only, no internal detail), liver, portal vein, gallbladder, hepatic vein, hepatic artery, kidneys, pancreas, spleen, aorta, IVC, spinal column, and ribs — giving students a realistic, full abdominal anatomical picture for CT interpretation training. Vessels and organs with contrast agent can be included as a special order for institutions wanting a more advanced contrast-enhanced training scenario.

Training applications: CT and multi-energy CT.

What's included: abdomen phantom, sample X-ray data (DVD), storage case, instruction manual.

Materials: urethane-based resin (soft tissue), epoxy resin (synthetic bone).

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: What's the difference between the CT and MECT variants? A: The CT type has no contrast enhancement, suited to basic CT training. The MECT type includes iodine-enhanced vessels and multi-energy CT-compatible liver material, supporting advanced contrast and multi-energy training.

Q: Can this phantom be used to study CT-ultrasound image fusion? A: Yes — it's specifically designed to facilitate this study in combination with the US-1 ECHOZY ultrasound phantom.

Q: Can iodine concentration be customized? A: Yes — iodine concentration on the MECT variant can be custom-ordered to match your training requirements.

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