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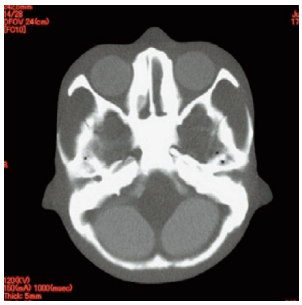
Angiographic CT Head Phantom ACS

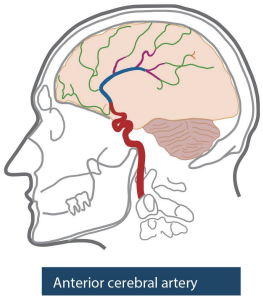
Item No.	PH-3
Weight	8 kg
Brand	KYOTO KAGAKU, JAPAN

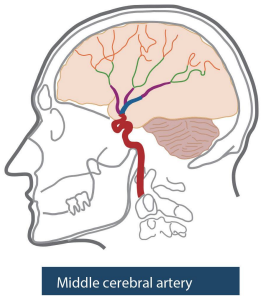
Read More

SKU:

Categories: Radiology Phantom







Product Description

Kyoto Kagaku’s best-selling CT head phantom A new variation added: Head Phantom for MECT, which contains arteries of innovative water equivalent material

Features	1.Three variations of head phantoms with different features for arteries to meet your requirements: CT/ Angiography / Multi energy CT / 2. Contrast-enhanced left cerebral arteries are three dimensionally embedded in the brain
Training skills / Applications	CT/ Angiography / Multi energy CT
Set includes	1 head phantom / 1 storage case / 1 set of sample X-ray data (DVD) / manual
Size (approx.)	H33cm / 13in
Packing size (approx.)	W46 x D31 x H32cm / W18.1 x D12.2 x H12.6in
Weight (approx.)	5.25kg / 11.57lb
Packing weight (approx.)	8kg / 17.6lb
Materials	Soft tissue: urethane based resin / Cervical vertebrae (C1-C7): epoxy resin
Anatomy	A synthetic skull / Soft tissue / Simulated arteries with contrast medium / Left anterior cerebral arteries / Left middle cerebral arteries / Internal carotid artery / Diameters of simulated0.5-4.0 mm / *Arrangement of arteries are the same for all three types.
HU	Soft tissue 0 / Cerebrum 40 / Mesencephalon 40 / Cerebellum 40 / Cerebral ventricles 10 / Eye balls 20
Update	July 20, 2020

Angiographic CT Head Phantom ACS (PH-3) — Kyoto Kagaku's Best-Selling CT Head Phantom

The Angiographic CT Head Phantom ACS (Item No. PH-3, 5.25 kg) by Kyoto Kagaku, Japan is the company's best-selling CT head phantom, purpose-built for CT, angiography, and multi-energy CT training and technique verification.

Three variants to match your imaging modality. The ACS series offers three head phantom variations with different arterial features, tailored to CT, angiography, or multi-energy CT (MECT) applications — including a newer MECT variant containing arteries made from innovative water-equivalent material, giving more accurate multi-energy imaging characteristics than standard contrast simulation. Arterial arrangement is identical across all three types, so switching between variants doesn't change the anatomical layout students and technologists are learning.

Anatomically embedded, three-dimensional vascular structure. Contrast-enhanced left cerebral arteries are three-dimensionally embedded within the brain, including the left anterior cerebral arteries, left middle cerebral arteries, and internal carotid artery, with simulated vessel diameters ranging from 0.5 to 4.0 mm — fine enough to support realistic angiographic technique training on small vessel visualization.

Calibrated Hounsfield Unit (HU) values for realistic CT readouts: soft tissue (0), cerebrum (40),

mesencephalon (40), cerebellum (40), cerebral ventricles (10), eyeballs (20) — giving accurate density readings that match real clinical CT scan interpretation.

Materials: urethane-based resin (soft tissue), epoxy resin (cervical vertebrae C1–C7), synthetic skull.

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

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: Which of the three ACS variants should I choose? A: It depends on your primary application — standard CT, angiography, or multi-energy CT. Contact our team with your target modality and we'll confirm the right variant for your equipment and curriculum.

Q: Does the arterial layout differ between variants? A: No — the arrangement of arteries is the same across all three ACS types, so training consistency is maintained regardless of which variant you use.

Q: What's included with the phantom? A: A storage case, sample X-ray data on DVD, and an instruction manual, alongside the head phantom itself.

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