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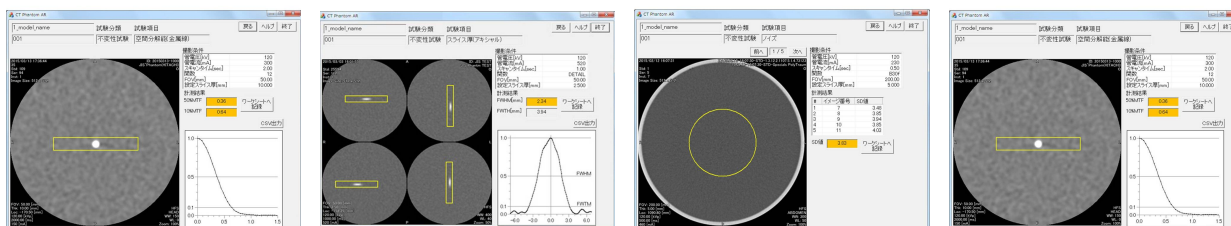
CT QA Phantom JCT II

Item No. PH-54
Weight 3 kg
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories: Radiology Phantom



Product Description

Renovated CT QA phantom for initial test at the time of reception, as well as follow-up periodical quality check of CT scanners

Features

Training skills / Applications

Set includes

Size (approx.)

Weight (approx.)

Materials

APPLICATIONS

System requirements of software

Update

1. The phantom can be used for initial and follow-up QA tests listed below, described in JIS Z 4752-3-5: 2008 (IEC 61223-3-5: 2004) and Z 4752-2-6: 2012 (IEC 61223-2-6: 2006) / 2. Conforming to JIS Z 4923:2015

Axial scan: Slice thickness/spatial resolution/low contrast resolution/noise/mean / Helical scan: Slice thickness HU number/uniformity

1 cylindrical container (fixing screw) / 1 slice thickness unit (axial) / 1 spatial resolution unit / 1 repeated pattern unit / 1 low contrast resolution unit / 2 slice thickness unit (helical) / 1 fixture for the slice thickness unit / 1 fixture for the cylindrical container / 1 Angle adjustment holder (table-top type) / storage case / manual

dia.200×200mm

3kg

Acrylic resin

CT

OS Windows 7 (64 bit), Windows 8.1 Pro (64 bit), memory 4GB, HDD 250 GB

August 10, 2020

CT QA Phantom JCT II (PH-54) — Standards-Compliant CT Scanner Quality Assurance

The CT QA Phantom JCT II (Item No. PH-54, 3 kg) by Kyoto Kagaku, Japan is a renovated CT QA phantom built for both initial acceptance testing at the time of a scanner's installation and ongoing periodic quality checks throughout its service life.

Built to recognized testing standards. The phantom supports initial and follow-up QA tests as described in JIS Z 4752-3-5:2008 (equivalent to IEC 61223-3-5:2004) and JIS Z 4752-2-6:2012 (equivalent to IEC 61223-2-6:2006), and conforms to JIS Z 4923:2015 — giving institutions confidence that their QA program meets recognized international testing standards, not just an internally defined check.

Comprehensive testing across scan types. For axial scans, the phantom supports evaluation of slice thickness, spatial resolution, low contrast resolution, noise, and mean. For helical scans, it supports slice thickness, HU number, and uniformity testing — covering the full range of parameters technologists need to verify scanner performance.

What's included: cylindrical container (with fixing screw), slice thickness unit (axial), spatial resolution unit, repeated pattern unit, low contrast resolution unit, 2 slice thickness units (helical), fixture for the slice thickness unit, fixture for the cylindrical container, angle adjustment holder (table-top type),

storage case, instruction manual.

Materials: acrylic resin. **Size:** 200mm diameter × 200mm.

Training application: CT.

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 testing standards does this phantom support? A: JIS Z 4752-3-5:2008, JIS Z 4752-2-6:2012, and JIS Z 4923:2015 — recognized standards for CT scanner acceptance and periodic quality testing.

Q: Can this be used for both initial acceptance testing and ongoing QA? A: Yes — it's designed for both purposes, from initial testing at scanner installation through routine follow-up quality checks.

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