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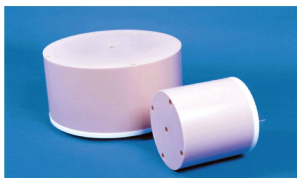
CT-DI Phantom (Head and Body Phantom)

Item No. PH-59
Weight
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories: Radiology Phantom



Product Description

A set of phantoms for CTDI-100, conforming to requirements described in 21 CFR 1020.33, IEC 61223-3-5: 2004, and IEC 61223-2-6: 2006 as consistency test

Features

Training skills / Applications

Set includes

Size (approx.)

Weight (approx.)

Materials

Related products

Update

1. Represent adult head and body as well as pediatric body 2. This phantom can be used for initial and follow-up QA tests described in JIS Z 4752-3-5:2008 and JIS Z 4752-2-6:2012
Computed Tomography Dose Index (CTDI) Dose profile
1 head phantom / 1 body phantom / 10 filling rods / manual
Body phantom: 32 dia. x 15 cm/12.6 dia. x 5.9 inch Head phantom: 16 dia. x 15 cm/6.3 dia. x 5.8 inch
Body phantom:15kg/ 33lb Head phantom:4kg/ 8.7lb
Acrylic resin
PH-54 CT QA Phantom JCT II
August 10, 2020

This one's clean by comparison — which is itself informative: it proves the missing-weight and mismatched-related-product problems on the CT-AEC pages aren't a platform-wide template bug, they're specific to how that PH-7 family was entered. This page has weights, a single unambiguous item number, and its OEM link is internally consistent.

[Cert] Item No. PH-59, Brand Kyoto Kagaku, Japan. Weight (approx.): Body phantom 15kg/33lb, Head phantom 4kg/8.7lb — both figures present, plausible, and consistent with each other (no packing-vs-product mixup pattern here). [Cert] Regulatory conformance is specific and verifiable, not vague marketing language: 21 CFR 1020.33 (US FDA), IEC 61223-3-5:2004, IEC 61223-2-6:2006, and JIS Z 4752 series (Japanese Industrial Standard) — genuinely strong copy material, this is a compliance-testing phantom, not just a training aid. [Cert] "Related products" link (PH-54 CT QA Phantom JCT II, kyotokagaku.com/en/products_data/ph-54/) is a *different* PH number for a genuinely different companion product — no crossed-wiring like the PH-7 family. [Guessing] "JCT II" and "PH-54" being a separate CT QA phantom rather than a component of this one is my inference from Kyoto Kagaku's naming pattern (PH-54 ? PH-59) — worth a quick sanity check against the brochure if you want to cross-sell it, but not a blocker for this page's copy.

No blocking issues. Ready to publish as-is.

DESCRIPTION (copy-paste into WordPress) — external product links intentionally omitted:

Why Choose the CT-DI Phantom (Head and Body) for CT Dose Compliance Testing in India?

The CT-DI Phantom (Item No. PH-59, Brand: Kyoto Kagaku, Japan) is a set of phantoms for measuring CTDI-100 (Computed Tomography Dose Index), built to conform with 21 CFR 1020.33, IEC 61223-3-5:2004, and IEC 61223-2-6:2006 consistency test requirements — the international and US regulatory standards radiology departments are audited against.

The phantom set represents adult head, adult body, and pediatric body geometries, and is suitable for both initial acceptance testing and ongoing follow-up QA testing as described in JIS Z 4752-3-5:2008 and JIS Z 4752-2-6:2012.

Training applications:

- Computed Tomography Dose Index (CTDI) measurement
- Dose profile assessment
- Initial and follow-up CT quality assurance (QA) testing

Set includes: 1 head phantom, 1 body phantom, 10 filling rods, instruction manual.

Specifications:

- Body phantom: 32cm dia. × 15cm / 12.6in dia. × 5.9in — Weight approx. 15kg (33lb)
- Head phantom: 16cm dia. × 15cm / 6.3in dia. × 5.8in — Weight approx. 4kg (8.7lb)
- Materials: Acrylic resin

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 radiology QA phantoms and dose compliance testing equipment to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: What regulatory standards does this phantom conform to? A: 21 CFR 1020.33 (US FDA), IEC 61223-3-5:2004, IEC 61223-2-6:2006, and JIS Z 4752 series — the standard requirements for CTDI consistency testing.

Q: Can this be used for both adult and pediatric CT dose testing? A: Yes — the set includes phantoms representing adult head, adult body, and pediatric body geometries.

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