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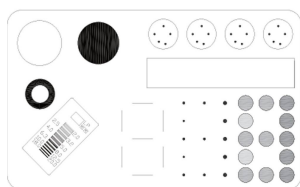
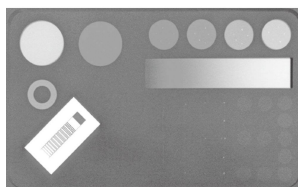
Digital Mammographic Phantom NCCE

Item No. PH-13
Weight
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories:Radiology Phantom



Product Description

Image quality can be evaluated by noise and S.D. on the phantom section images

Features

Training skills / Applications

Set includes

Packing size (approx.)

Production ? Development Supervision

Update

1. Outer shape of the phantom simulates a compressed breast of D shape 2. Targets includes simulated microcalcifications, nylon fibrils, acrylic disks, an aluminum ring, Teflon disks, a Teflon ruler (slope) and a resolution test chart

Contrast resolution / Frequency enhancement / Noise and contrast transfer function

1 phantom / 1 storage case

W36xD35xH24 cm / W14.2xD13.8xH9.4 in

Yuichi Nagai, Atsuko Takada National: Cancer Hospital East
Department of Radiology

July 10, 2020

Why Choose the Digital Mammographic Phantom NCCE for Mammography QA Training in India?

The Digital Mammographic Phantom NCCE (Item No. PH-13, Brand: Kyoto Kagaku, Japan) was developed under the supervision of Yuichi Nagai and Atsuko Takada, Department of Radiology, National Cancer Center Hospital East, Japan. Image quality is evaluated by measuring noise and standard deviation (S.D.) on the phantom's section images.

The phantom's outer shape simulates a compressed breast in "D" shape, and contains a full set of imaging targets: simulated microcalcifications, nylon fibrils, acrylic disks, an aluminum ring, Teflon disks, a Teflon ruler (slope), and a resolution test chart — supporting comprehensive mammography QA evaluation.

Training applications:

- Contrast resolution assessment
- Frequency enhancement evaluation
- Noise and contrast transfer function testing

Set includes: 1 phantom, 1 storage case.

Specifications: Packing size approx. W36×D35×H24cm (W14.2×D13.8×H9.4in).

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

Frequently Asked Questions

Q: What imaging targets are built into this phantom? A: Simulated microcalcifications, nylon fibrils, acrylic disks, an aluminum ring, Teflon disks, a Teflon ruler, and a resolution test chart — covering the full range of digital mammography QA checks.

Q: Who developed this phantom? A: It was developed under the supervision of Yuichi Nagai and Atsuko Takada of the Department of Radiology, National Cancer Center Hospital East, Japan.

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