



SEM

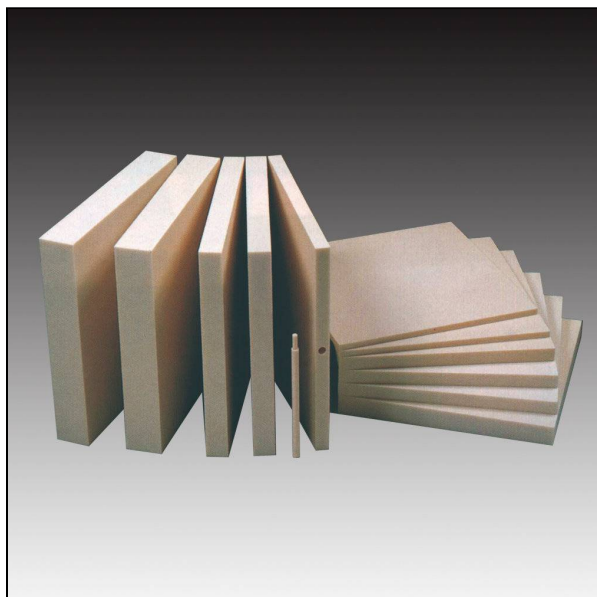
SEM TRAINERS & SYSTEMS

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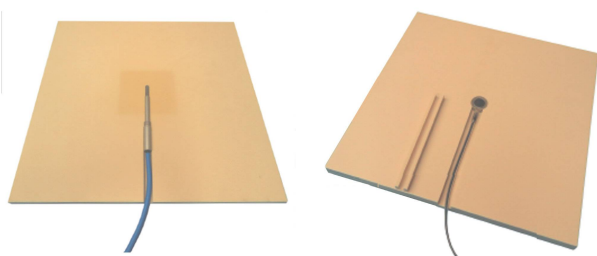
Tough Water Phantom WD

Item No. PH-40
Weight
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories: Radiology Phantom



Product Description

Human tissue substitute phantoms with water equivalent physical properties.

Features

A stable, high quality and shatter-free phantom for radiotherapy.

Size (approx.)

Materials

VARIATIONS

Dosimetry cavities

Update

Refer to catalog pdf

Epoxy resin

WD-3002 300 x 300 x 2 mm/ 12 x 12 x 0.08 in / WD-3003 300 x 300 x 3 mm/ 12 x 12 x 0.12 in / WD-3005 300 x 300 x 5 mm/ 12 x 12 x 0.2 in / WD-3010 300 x 300 x 10 mm/ 12 x 12 x 0.4 in / WD-3015 300 x 300 x 15 mm/ 12 x 12 x 0.6 in / WD-3020 300 x 300 x 20 mm/ 12 x 12 x 0.8 in / WD-3025 300 x 300 x 25 mm/ 12 x 12 x 1.0 in / WD-3030 300 x 300 x 30 mm/ 12 x 12 x 1.2 in / WD-3040 300 x 300 x 40 mm/ 12 x 12 x 1.6 in / WD-3050 300 x 300 x 50 mm/ 12 x 12 x 2.0 in / WD-4002 400 x 400 x 2 mm/ 16 x 16 x 0.08 in / WD-4003 400 x 400 x 3 mm/ 16 x 16 x 0.12 in / WD-4005 400 x 400 x 5 mm/ 16 x 16 x 0.2 in / WD-4010 400 x 400 x 10 mm/ 16 x 16 x 0.4 in / WD-4015 400 x 400 x 15 mm/ 16 x 16 x 0.6 in / WD-4020 400 x 400 x 20 mm/ 16 x 16 x 0.8 in / WD-4025 400 x 400 x 25 mm/ 16 x 16 x 1.0 in / WD-4030 400 x 400 x 30 mm/ 16 x 16 x 1.2 in / WD-4040 400 x 400 x 40 mm/ 16 x 16 x 1.6 in / WD-4050 400 x 400 x 50 mm/ 16 x 16 x 2.0 in

Tough series phantoms can be ordered with cavities and plugs. Specify your chamber's manufacturer and model number. Let us have dimensional drawings of the chambers you are using to estimate cost.

July 3, 2020

Why Choose the Tough Water Phantom WD for Radiotherapy Dosimetry in India?

The Tough Water Phantom WD (Item No. PH-40, Brand: Kyoto Kagaku, Japan) is a human tissue substitute phantom with water-equivalent physical properties — the industry-standard reference material for radiotherapy dosimetry, since water closely approximates human soft tissue's radiation absorption characteristics. Built from epoxy resin, this is a stable, high-quality, shatter-free phantom, and forms the water-equivalent component of the complete Tough Phantom trio alongside the PH-41 Tough Bone Phantom and PH-42 Tough Lung Phantom.

Available variations (20 SKUs across two panel sizes, ten thicknesses):

- **300×300mm panels:** 2, 3, 5, 10, 15, 20, 25, 30, 40, 50mm thicknesses
- **400×400mm panels:** 2, 3, 5, 10, 15, 20, 25, 30, 40, 50mm thicknesses

Custom dosimetry configuration: Tough series phantoms can be custom-ordered with dosimeter cavities and plugs. To receive a cost estimate, provide your chamber's manufacturer, model number, and dimensional drawings.

Materials: Epoxy 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 radiotherapy phantom equipment to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: How does this combine with the Tough Bone and Tough Lung phantoms? A: These water-equivalent panels form the soft-tissue baseline of a complete body simulation, layered together with the PH-41 bone and PH-42 lung panels to model realistic anatomical structures for radiotherapy planning.

Q: How do I order from SEM Trainers? A: Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability, or download the full catalog brochure for detailed dimensions.