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| **Mobile :** | +91 88495 63724 | **Email:** | sem@semtrainers.com |
| **Mobile 1:** | +91 98791 03905 | **Website:** | www.semtrainers.com |

# Ladder Phantom

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|---|---|
| Item No. | PH-9-2 |
| Weight | |
| Brand | KYOTO KAGAKU, JAPAN |

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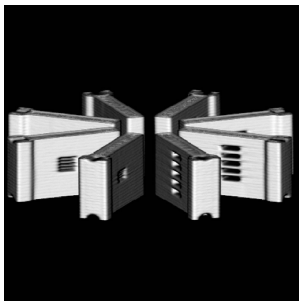
**SKU:**

**Categories:**Radiology Phantom



## Product Description

Evaluation of spatial resolution if simulated contrast enhanced vessels in CT

**Features**

1. On each plate phantom of 5 mm thickness, five slits of 5 mm length are made to represent vessels 2. Nine variations of vessel width are prepared

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| **Training skills / Applications** | CT |
| **Set includes** | 1 Outer phantom / 9 ladder phantoms / 1 storage case |
| **Materials** | Measurement region: epoxy resin, hydroxyapatite / Base: acrylic resin |
| **Optional parts** | 41919-010 Angle adjustment holder (table-top type) |
| **Update** | August 10, 2020 |

## Why Choose the Ladder Phantom for CT Spatial Resolution Evaluation in India?

The Ladder Phantom (Item No. PH-9-2, Brand: Kyoto Kagaku, Japan) evaluates spatial resolution of simulated contrast-enhanced vessels in CT imaging. Each 5mm-thick plate phantom contains five slits of 5mm length representing vessels, with nine variations of vessel width provided across the set — enabling systematic assessment of how well a CT system resolves vessels of different calibers under contrast enhancement.

### Training applications:

- CT spatial resolution evaluation
- Contrast-enhanced vessel imaging assessment

**Set includes:** 1 outer phantom, 9 ladder phantoms, 1 storage case.

**Specifications:** Materials — measurement region: epoxy resin and hydroxyapatite; base: acrylic resin.

**Optional accessory:** Angle adjustment holder, table-top type (Part No. 41919-010).

**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 CT quality assurance and vascular imaging phantoms to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

### Frequently Asked Questions

Q: What does this phantom test for? A: It evaluates how well a CT system resolves contrast-enhanced vessels of varying widths, using nine ladder-shaped inserts with slits representing vessels of different calibers.

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