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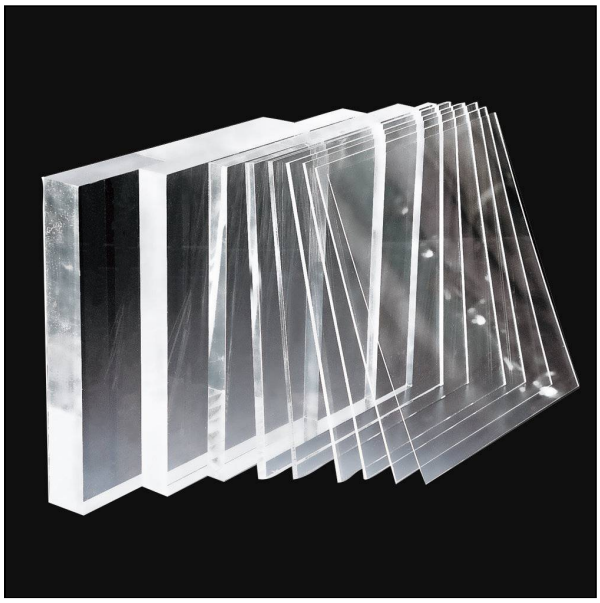

Acrylic Phantom XAC

Item No.	PH-14
Weight	
Brand	KYOTO KAGAKU, JAPAN

Read More

SKU:

Categories: Radiology Phantom

Product Description

Slab phantoms for radiation absorption and scattering measurement

Training skills / Applications	X-ray
Set includes	1 phantom / storage case
Materials	Acrylic resin

other versions	41430-000 XAC-01 30x30x0.1cm/11.8x11.8x0.04inch 41431-000 XAC-02 30x30x0.2cm/11.8x11.8x0.08inch 41432-000 XAC-03 30x30x0.3cm/11.8x11.8x0.12inch 41433-000 XAC-04 30x30x0.4cm/11.8x11.8x0.16inch 41434-000 XAC-05 30x30x0.5cm/11.8x11.8x0.2inch 41435-000 XAC-08 30x30x0.8cm/11.8x11.8x0.3inch 41436-000 XAC-1 30x30x1cm/11.8x11.8x0.4inch 41437-000 XAC-2 30x30x2cm/11.8x11.8x0.8inch 41438-000 XAC-3 30x30x3cm/11.8x11.8x1.2inch 41439-000 XAC-4 30x30x4cm/11.8x11.8x1.6inch 41440-000 XAC-5 30x30x5cm/11.8x11.8x2.0inch 41441-000 XAC-8 30x30x8cm/11.8x11.8x3.1inch 41442-000 XAC-10 30x30x10cm/11.8x11.8x3.9inch *with storage case
Update	July 10, 2020

Acrylic Phantom XAC (PH-14) — Slab Phantoms for X-ray Absorption & Scattering Measurement

The Acrylic Phantom XAC (Item No. PH-14) by Kyoto Kagaku, Japan is a series of acrylic slab phantoms built for measuring radiation absorption and scattering in X-ray applications — a standard tool for radiography quality assurance and dosimetry testing.

13 thickness options for precise, incremental testing. The XAC series spans from 0.1cm to 10cm thick, all at a consistent 30 × 30 cm footprint: XAC-01 (0.1cm), XAC-02 (0.2cm), XAC-03 (0.3cm), XAC-04 (0.4cm), XAC-05 (0.5cm), XAC-08 (0.8cm), XAC-1 (1cm), XAC-2 (2cm), XAC-3 (3cm), XAC-4 (4cm), XAC-5 (5cm), XAC-8 (8cm), and XAC-10 (10cm). This range lets institutions build custom test stacks by combining slabs to reach specific total thicknesses, or run graduated absorption/scattering measurements across a controlled range.

Simple, purpose-built construction. Made from acrylic resin, each phantom is supplied with a storage case for safe handling and storage between uses.

Why this matters for radiography QA programs: consistent, known-thickness reference phantoms are essential for calibrating and verifying X-ray equipment performance, particularly for absorption and scatter characteristics that affect image quality and radiation dose.

What's included (per unit): 1 phantom, storage case.

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: Which thickness should I order? A: It depends on your specific QA or research testing needs — the series spans 0.1cm to 10cm. Contact our team with your target measurement range and we'll help identify the right thickness (or combination of thicknesses) for your application.

Q: Can multiple slabs be combined? A: Yes — since all slabs share the same 30 × 30 cm footprint, they can be stacked to reach custom total thicknesses for specific test scenarios.

Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability, specifying which thickness(es) you need.