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BMD Chart Phantom UHA

Item No.	PH-10
Weight	4kg
Brand	KYOTO KAGAKU, JAPAN

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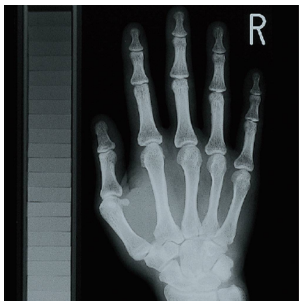
SKU:

Categories: Radiology Phantom



Product Description

Bone Mineral Density chart for microdensitometry (MD) method

Features

1. 21 steps with different hydroxyapatite content 2. Steps range from 0 to 400 mg/cm , with 20mg/cm difference each

Training skills / Applications	microdensitometry
Set includes	1 chart phantpm / 1 storage case
Size (approx.)	W3×D21×H1.5cm / W1.2 x D8.3 x H0.6 inch
Packing weight (approx.)	4kg / 8.8lb
Materials	Polyurethane, hydroxyapatite
Update	July 10, 2020

BMD Chart Phantom UHA (PH-10) — Bone Mineral Density Reference Standard for Microdensitometry

The BMD Chart Phantom UHA (Item No. PH-10) by Kyoto Kagaku, Japan is a bone mineral density (BMD) reference chart built for the microdensitometry (MD) method — a technique used to quantify bone mineral content from radiographic images.

21 calibrated density steps for precise reference measurement. The chart includes 21 steps with different hydroxyapatite content, ranging from 0 to 400 mg/cm **[confirm unit — likely mg/cm² or mg/cm³]**, with a consistent 20 mg/cm difference between each step. This graduated reference range lets institutions calibrate and verify BMD measurement accuracy across a full clinically relevant density spectrum, rather than relying on a single reference point.

Compact and easy to integrate into existing workflows. At just W3 × D21 × H1.5 cm, the chart is small enough to include alongside a standard radiographic exposure without requiring separate equipment setup, making it practical for routine microdensitometry QA alongside regular imaging work.

Materials: polyurethane and hydroxyapatite.

What's included: 1 chart phantom, 1 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: What is this phantom used for? A: It's a bone mineral density (BMD) reference standard specifically for the microdensitometry (MD) method, used to calibrate and verify BMD measurement accuracy.

Q: How many density reference points does it include? A: 21 steps, ranging from 0 to 400 mg/cm in 20 mg/cm increments, giving a graduated reference range across the clinically relevant density spectrum.

Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.