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Elementary Cubic Phantom BLACKCUBE

Item No. US-24

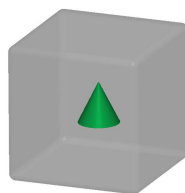
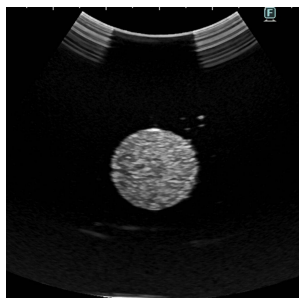
Weight

Brand KYOTO KAGAKU, JAPAN

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SKU:

Categories:Ultrasound Phantom



Product Description

Acquire skills to envision three-dimensional shapes from two-dimensional sections (echo images). For the first step hands-on learning of ultrasound scanning.

Features

Training skills / Applications

Set includes

Size (approx.)

Weight (approx.)

Production ? Development Supervision

Targets

Update

Each cube contains a geometrical three dimensional object, which is externally invisible. All six surfaces of the cube allow for scanning. Facilitates learning basics in grasping three-dimensional shapes with a ultrasound scanner. Combinations of different cubes allow for skills assessment as well as practical trainings.

Visualization and measurement of geographical objects with a ultrasound scanner. Infer three dimensional shape based of 2-D ultrasound images from six surfaces.

cube phantoms (6 for basic set, 8 for full set) 1 talcum powder 1 storage case 1 work book 1 instruction manual

W10 x D10 x H10 cm W3.9 x D3.9 x H3.9 cm

1.0 kg each

Tadashi Kobayashi, M.D, Ph.D Graduate School of Medicine
Endowed Course Development of Community Healthcare

Basic set (6 cubes) Sphere (large) Sphere (small) Double sphere Ellipsoid Cylinder Cone Full set (8 cubes) Sphere (large) Sphere (small) Double sphere Ellipsoid Cylinder Cone Triangular pyramid Star shaped prism

March 18, 2024

Why Choose the Elementary Cubic Phantom BLACKCUBE for Your Foundational Ultrasound Training in India?

The Elementary Cubic Phantom BLACKCUBE (Item No. US-24, 1.0kg per cube, Brand: Kyoto Kagaku, Japan) is designed for the very first step of hands-on ultrasound learning: acquiring the fundamental skill of envisioning three-dimensional shapes from two-dimensional sections (echo images). Production and development were supervised by Tadashi Kobayashi, MD, PhD, of the Graduate School of Medicine's Endowed Course for Development of Community Healthcare.

Each opaque cube contains a geometric 3D object hidden inside, invisible from the outside — students must scan all six surfaces of the cube with an ultrasound scanner and mentally reconstruct the shape from what they see. Combining different cubes allows for both skills assessment and structured practical training, building a genuine spatial-reasoning foundation before students move on to anatomy-specific scanning.

Training applications: Visualization and measurement of geometric objects using an ultrasound scanner; inferring 3D shape from 2D ultrasound images across six surfaces.

Available sets:

- **Basic set (6 cubes):** Sphere (large), sphere (small), double sphere, ellipsoid, cylinder, cone
- **Full set (8 cubes):** Adds triangular pyramid and star-shaped prism to the basic set

Set includes: Cube phantoms (6 for basic set, 8 for full set), talcum powder, storage case, work book, instruction manual.

Specifications: Size W10×D10×H10cm (W3.9×D3.9×H3.9in) per cube, 1.0kg each.

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 medical simulators and ultrasound training equipment to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: What's the difference between the basic and full set? A: The basic set has 6 cubes; the full set adds a triangular pyramid and star-shaped prism for 8 total.

Q: Who is this designed for? A: Students at the very first step of learning ultrasound scanning, before moving on to anatomy-specific training.

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