

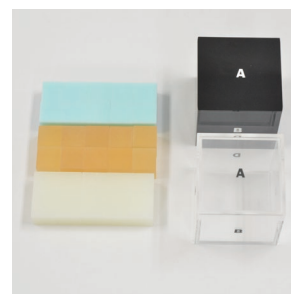
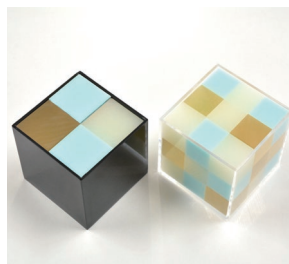
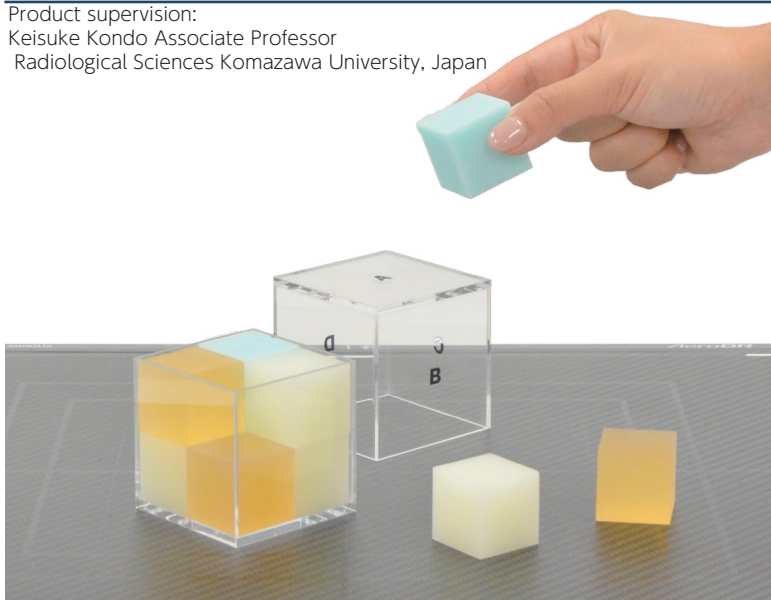
PH-78 | 41944-000 30mm Cube Set / 41944-100 20mm Cube Set



# Radiology Cube Phantom XCUBEFAN

Designed for beginners to provide better understanding of the special characteristics seen in radiology imaging

Product supervision:  
Keisuke Kondo Associate Professor  
Radiological Sciences Komazawa University, Japan



## FEATURES

- | Compact yet practical education tool on usage of x-ray equipment and the interpretation of diagnostic images.
- | A large range of practice by stacking and repositioning different blocks with varied radiodensities.
- | The black and clear container boxes for practice and visual explanation

## APPLICATIONS

- | Plain X-ray
- | Interpretation

## How it works ?

### Active learning through FAN of competition and game

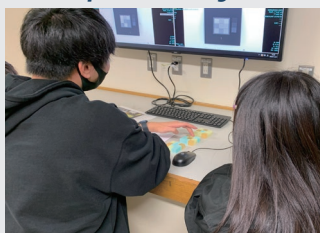


Photo by courtesy of Komozawa University, Japan

#### 1. Arrange the cubes

Arrange cubes in the black case and hand it to the challengers.

#### 2. Select parameters and acquire images

The challengers radiograph the black case.

#### 3. Analyze the images

The challengers reason and infer to find out the three dimensional arrangement of cubes in the black case.

Three kinds of cubes with different HU

	HU	Density	Material
Orange	0	1.06	Polyurethane
Blue	500	1.4	Epoxy
Yellow	1000	1.21	Epoxy

## DESCRIPTIONS

### SET INCLUDES

#### 30mm cube set

- 1 XCUBEFAN case (clear)
- 1 XCUBEFAN case (black)
- 5 orange cube (30mm)
- 5 blue cube (30mm)
- 5 yellow cube (30mm)
- instruction manual

#### 20mm cube set

- 1 XCUBEFAN case (clear)
- 1 XCUBEFAN case (black)
- 10 orange cube (20mm)
- 10 blue cube (20mm)
- 10 yellow cube (20mm)
- instruction manual

### SPECIFICATIONS

#### Phantom dimensions

- 30mm cube: 3x3x 3 cm each  
1.18 x 1.18 x 1.18 in each
- 20mm cube: 2 x 2 x 2cm each  
0.78 x 0.78 x 0.78 in each

### MATERIALS

Phantom cube: epoxy, polyurethane  
Case: acrylic

### OPTIONAL PARTS

Packing size:  
W36 x D25 x H19 cm  
W14.2 x D 9.8 x H 7.5 in

### PUBLICATION REFERENCES

