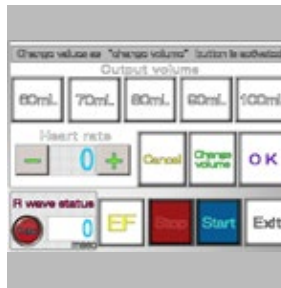


PH-6B | 41310-020

# Dynamic Cardiac CT Phantom MD-CT



For evaluation and research in ECG gating cardiac and thoracic CT



## FEATURES

- | The heart phantom is made of human tissue substitute
- | Simulated coronary arteries including stenosis can be attached to the wall of the phantom heart
- | The phantom generates pulses that are synchronized with the cardiac movement for ECG gating
- | Controllable parameters include pulse rate, ejection volume and ejection fraction
- | Operation with the touch panel controller is simple and easy

## APPLICATIONS

- | Measurement of the left ventricle ejection fraction (EF)
- | Image quality evaluation of coronary arteries

## DESCRIPTIONS

### SET INCLUDES

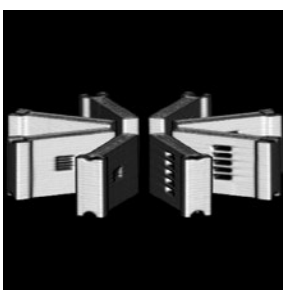
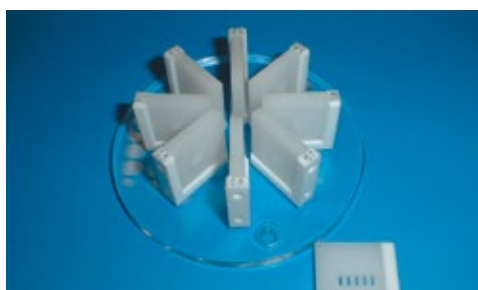
1 drive unit	1 set of simulated coronary arteries
3 heart phantoms (3 types, 1 each)	1 controller
1 protective cover	1 storage case

PH-9-2 | 41334-120

# Ladder Phantom



Evaluation of spatial resolution of simulated contrast enhanced vessels in CT



## FEATURES

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

## APPLICATIONS

- | Evaluation of spatial resolution of simulated contrast enhanced vessels in CT

## DESCRIPTIONS

### SET INCLUDES

1 outer phantom
9 ladder phantoms
1 storage case

### SPECIFICATIONS

Vessel width: 0.3, 0.4, 0.6, 0.7, 0.8, 1.0, 1.2, 1.5 mm 0.012, 0.016, 0.024, 0.028, 0.032, 0.039, 0.047, 0.059 in	Vessel length: 5 mm/ 0.19 in (5 mm thick, with 5 lines of vessels each)
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### MATERIALS

Measurement region: epoxy resin, hydroxyapatite  
Base: acrylic resin

### OPTIONAL PARTS

41339-060	Angle adjustment holder for GE
41339-050	Angle adjustment holder for canon

\*Specify the manufacturer and type of the scanner

