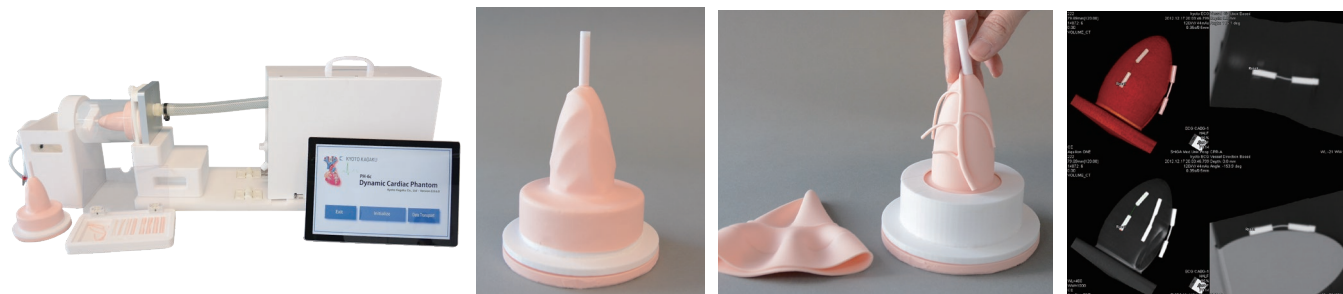


PH-6C | 41310-030

Dynamic Cardiac CT Phantom SKK II



For evaluation and research in ECG gated cardiac CT



FEATURES

- | The phantom represents physical movement and volumetric change of the left ventricle
- | The heart phantom is made of human tissue substitute for CT
- | Various types of coronary arteries including stenosis, contrast enhances and anatomical
- | The phantom generates pulses that are synchronized with the cardiac movement for ECG gating
- | Controllable parameters; pulse rate (30-120 bpm) and ejection volume (0-100%)
- | Three kinds of arrhythmic mode
- | Operation with the tablet PC is simple and easy

DESCRIPTIONS

SET INCLUDES

1 drive unit	1 set of simulated coronary arteries
1 heart phantoms	1 controller
1 protective cover	1 storage case

APPLICATIONS

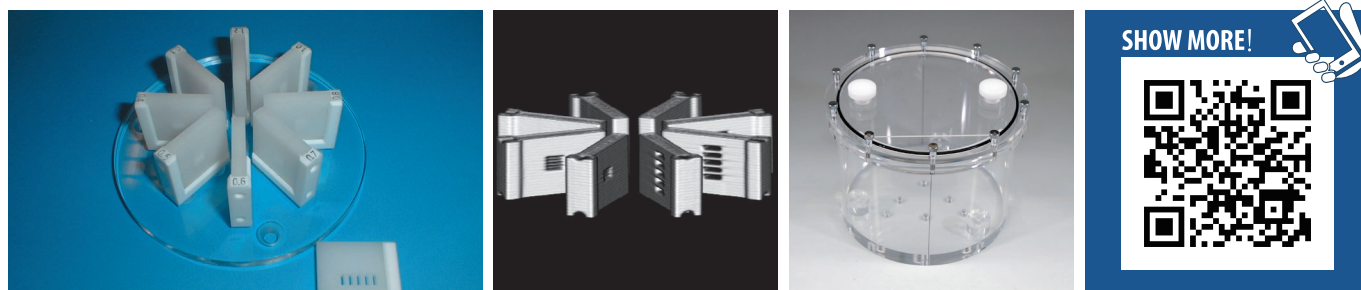
- | Measurement of the left ventricle volumetric change
- | Image quality evaluation of coronary arteries

PH-9-2 | 41334-130

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	1 angle adjustment holder (table top type)
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