

PH-9 | 41334-100

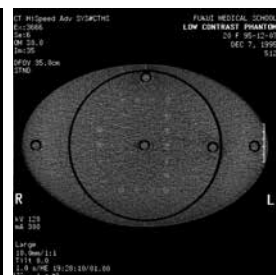
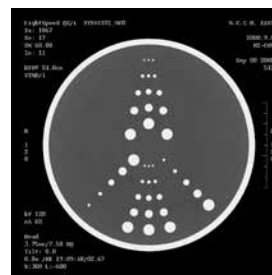
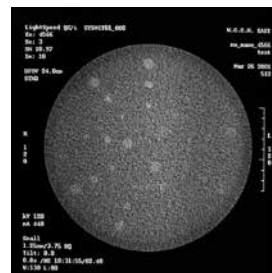
Multi Slice CT Phantom MHT

Dosimetry

CT



The phantom can be used to evaluate CT features such as high and low contrast resolutions, slice direction, and CTDI.



FEATURES

- Non-aqueous/Easy Set-up enables liquid-free evaluation session
- The phantom is designed to allow evaluation in volume scanning

APPLICATIONS

EVALUATION PARAMETERS

- CTDI
- Contrast resolution
- Contrast-to-Noise Ratio (CNR) evaluation
- Evaluation of effective slice thickness
- Sensitivity profile
- SSPz evaluation

DESCRIPTIONS

SET INCLUDES

- | | |
|----------------------------------|--|
| 1 low contrast phantom | 1 micro disc phantom |
| 1 high contrast phantom | 1 angle adjustment holder (table top type) |
| 1 elliptical absorber | 1 storage case |
| 1 low contrast phantom with CTDI | manual |

MATERIALS

Acrylic resin, polyurethane

OPTIONAL PARTS

41334-110 sliding phantom holder

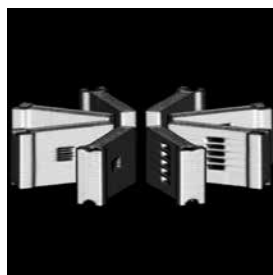
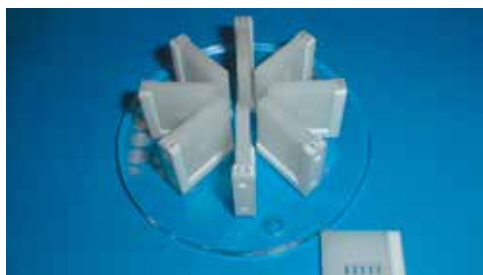
PH-9-2 | 41334-130

Ladder Phantom

CT



Designed for measuring spatial resolution in CT, assuming contrast-enhanced blood vessels



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)

MATERIALS

Measurement region: epoxy resin, hydroxyapatite
Base: acrylic resin