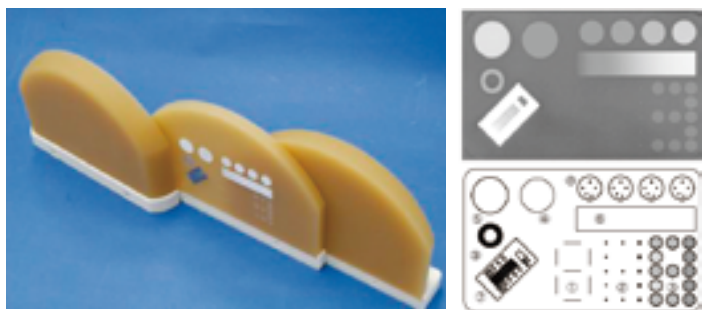


PH-13

Digital Mammographic Phantom NCCE



Features

1. Outer shape of the phantom simulates a compressed breast of D shape.
2. Features of evaluation include: contrast resolution, frequency enhancement, noise and contrast transfer function.
3. Targets includes simulated microcalcifications, nylon fibrils, acrylic disks, an aluminum ring, Teflon disks, a Teflon ruler(slope) and a resolution test chart.

Specifications

Set Includes:
1 breast phantom
1 storage case

Size:
12.5 x 18.5 x 5.5 cm
4.9 x 7.3 x 2.2 in

PH-22

CT QA Phantom CT-200B

12 features of evaluation to cover recommendation of Japanese Committee

11 features of CT evaluation are possible by using interchangeable measurement units. Conforming to second recommendation of Japanese Committee for Evaluating Performance of CT Scanners.



Possible evaluation includes: uniformity, noise and contrast-scale, PSF, LSF, MTF, slice thickness, high contrast resolution, low contrast resolution, radiation dose, artifact, edge effect, absorbed dose and linearity.

Specifications

Set Includes:
1 set of QA phantoms
1 storage case

PH-54

NEW

CT QA Phantom JCT II

Renovated CT QA phantom for initial test at the time of receiving inspection, as well as follow-up periodical quality check of CT scanners



Features

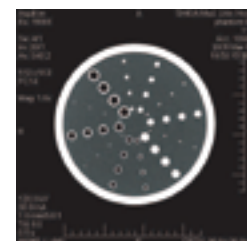
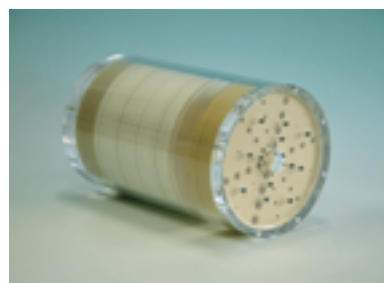
1. The phantom can be used for initial and follow-up QA tests listed below, described in JIS Z 4752-3-5 : 2008 (IEC 61223-3-5 : 2004)* and Z 4752-2-6 : 2012 (IEC 61223-2-6 : 2006)**
2. Conforming to JIS Z 4923:2015***

Specifications

Phantom Size: 20 dia. x 20 cm
7.9 dia. x 7.9 in
Phantom Weight: 3kg/6.6 lb
Materials: Acrylic resin, polyurethane

CT Lung Phantom

Used by QIBA COPD/Asthma Committee, for longitudinal sites comparison study.



Features

1. Simulated airways and vessels are embedded in the lung tissue substitute.
2. Layers of different materials allow to study in axial variation such as slice thickness effect.
3. Image distortion can be assessed.

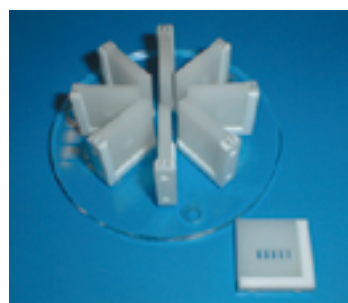
Specifications

Set Includes:
1 CT lung phantom
simulated airways 3-14 mm dia.
simulated vessels 2-14 mm dia.
1 storage case
Size:
20 dia. x 30 cm/7.9 dia. x 11.9 in

PH-9-2

Ladder Phantom

The phantom with simulated vessels to evaluate spatial resolution in CT.



Features

1. On each plate phantom of 5 mm thickness, five slits of 5 mm length are made to represent vessels.
2. Nine variations of vessel width are prepared:
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)

Specifications

Set Includes:
1 outer phantom
9 ladder phantoms
1 storage case