PH-13 | 41329-010
Digital Mammographic Phantom NCCE

STORAGE CASE

An integrated QA phantom for digital mammography systems
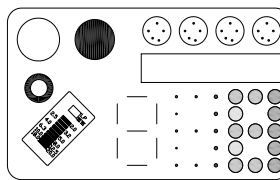
SHOW MORE!

FEATURES

| Outer shape of the phantom simulates a compressed breast of D shape
| Targets includes simulated microcalcifications, nylon fibrils, acrylic disks, an aluminum ring, Teflon disks, a Teflon ruler (slope) and a resolution test chart
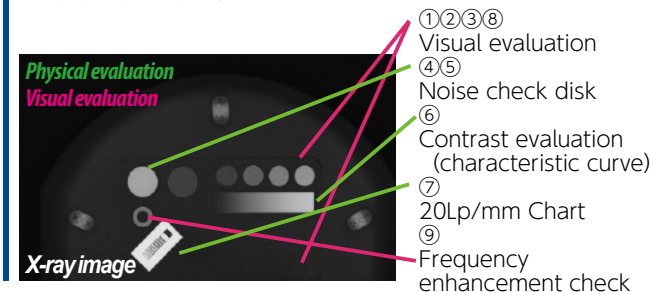
DESCRIPTIONS

SET INCLUDES

| 1 | phantom | 1 | storage case |

EVALUATION PARAMETERS

| Contrast resolution
| Frequency enhancement
| Noise and contrast transfer function

TARGETS AND EVALUATION

Physical evaluation
Visual evaluation
X-ray image

①②③⑧ Visual evaluation
④⑤ Noise check disk
⑥ Contrast evaluation (characteristic curve)
⑦ 20Lp/mm Chart
⑨ Frequency enhancement check

PH-10 | 41322-000
BMD Chart Phantom UHA

X-ray **STORAGE CASE**

Bone Mineral Density chart for microdensitometry (MD) method

SHOW MORE!

FEATURES

| 21 steps with different hydroxyapatite content
| Steps range from 0 to 400 mg/cm , with 20mg/cm difference each

APPLICATIONS

| microdensitometry

DESCRIPTIONS

SET INCLUDES | 1 | chart phantom |
| 1 | storage case |

PUBLICATION REFERENCES

Anderson AE, Peters CL, Tuttle BD, Weiss JA. Subject-specific finite element model of the pelvis: development, validation and sensitivity studies. J Biomech Eng. 2005 Jun;127(3):364-73. doi: 10.1115/1.1894148.

Andrew Edward Anderson, COMPUTATIONAL MODELING OF HIP JOINT MECHANICS, Theses,University of Utah