

Breast Ultrasound QA Phantom

Ensure highly detailed images for reliable breast cancer examinations

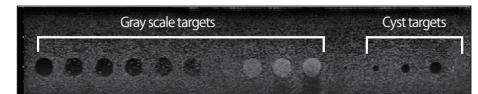
Ultrasound QA phantom for high precision imaging in the high frequency sonography, typically around 10 MHz, required in breast examination. For monthly basic quality check of ultrasound images along with longer term quality assurance to maintain consistency in performance of scanners and transducers.



Mass targets block

Sonic velocity: 1434 m/sec at 25°C
 Attenuation coefficient: 0.59 dB/ cm MHz at 25°C
 Acoustic impedance: 1.37 rayl at 25°C
 Integrated targets: gray scale targets/ cyst targets

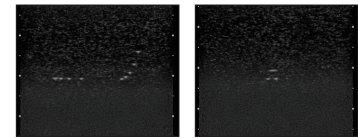
Mass targets block (contrast resolution)



Dot targets block

Sonic velocity: 1442 m/sec at 25°C
 Attenuation coefficient: 0.73 dB/cm MHz at 25°C
 Acoustic impedance: 1.39rayl at 25°C
 Integrated targets: dot targets/ 45 degrees line target

Dot targets block (spatial resolution)



DESCRIPTIONS

SPECIFICATIONS

Size: mass targets block phantom size: 18 x 7.5 x 11 cm / 7.2 x 3 x 4.4 inch
 dot targets block phantom size: 13.5 x 7.5 x 11 cm / 5.4 x 3 x 4.4 inch

Weight: Mass 1.3kg / 2.7lbs
 Dot 1.0kg / 2.2lbs

SET INCLUDES

- 1 mass targets block
- 1 dot targets block
- 1 thermometer
- 1 storage case
- 1 instruction manual

MATERIALS

Urethane elastomer,
 acryl, nylon
 Latex free