

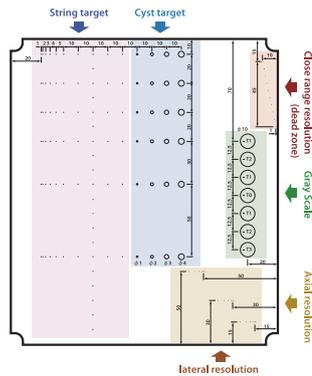
US-2

# Ultrasound QA Phantom (Multi Purpose Phantom N-365)



## Durable and stable

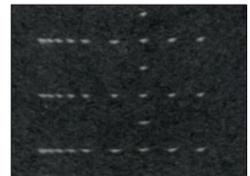
Useful both for daily assessment and further research. Gray scale for evaluation, cyst targets with non-resonance cylinders, line targets for geometrical evaluation including close range (dead zone) resolution, axial and lateral resolution are prepared for scanning. The phantom is designed to allow scanning from all four side walls.



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Gray Scale



String target

### DESCRIPTIONS

#### SPECIFICATIONS

Size: 19 x 22 x 7 cm  
7.6 x 8.8 x 2.8 in.

Sonic velocity: 1432m/ sec at 25 degrees C  
Attenuation coefficient: 0.57 dB/ cm MHz at 25 degree C  
Acoustic impedance: 1.38 rayl at 25 degree C

#### MATERIALS

Urethane elastomer, acryl, nylon  
Latex free

#### RECOMMENDED DEVICES

-

#### SET INCLUDES

- 1 phantom
- 1 carrying case

#### REPLACEMENT PARTS

US-4

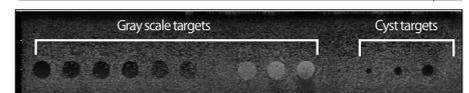
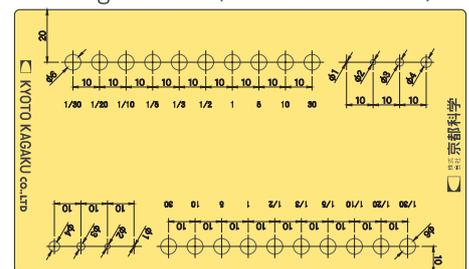
# Breast Ultrasound QA Phantom



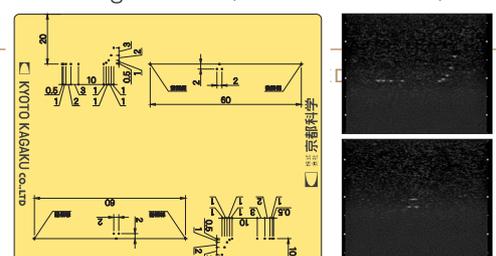
## Ensure highly detailed images for reliable breast cancer examinations

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

### Mass targets block (contrast resolution)



### Mass targets block (contrast resolution)



#### Mass targets block

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

#### Dot targets block

Sonic velocity: 1442 m/sec at 25 degrees C  
Attenuation coefficient: 0.73 dB/cm MHz at 24 degrees C  
Acoustic impedance: 1.39rayl at 25 degree C  
Integrated target: dot targets/ 45 degrees line target

### DESCRIPTIONS

#### MATERIALS

Urethane elastomer, acryl, nylon  
Latex free

#### 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