

US-4B

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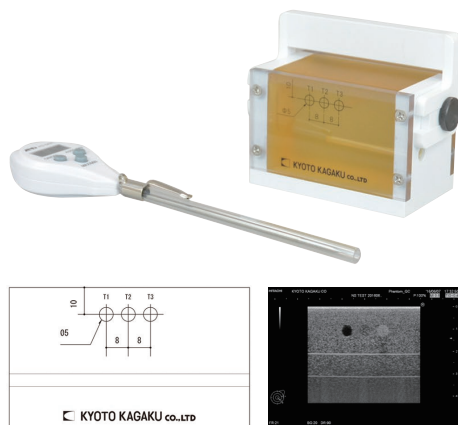


NEW

## Small Parts Basic QA Phantom

Excellent for the routine maintenance of image quality  
in ultrasonography as well as the aging of devices and transducers

Product Supervision  
The Japan Association of  
Breast and Thyroid Sonology (JABTS)



### FEATURES

- 1 | Compact size allows imaging in a single scan, saving time and simplifying the process
- 2 | To ensure the verticality of the entrance beam, two horizontal wires are embedded and the supporting guide frame secure the transducer in its home position
- 3 | For monthly basic quality test along with longer term quality assurance to maintain consistency in performance of scanners and transducers
- 4 | Longevity and stability of phantom material ensured by 5-year-testing process
- 5 | To maintain the internal temperature of the phantom (23° C to 26 ° C), a thermometer is provided

### ACOUSTIC FEATURES

Sonic velocity: 1434(±1) m/ sec at 25°C  
Attenuation coefficient: 0.59 dB/ cm MHz at 25°C  
Density: 0.954g/m<sup>3</sup>  
Acoustic impedance: 1.37 rayl at 25°C  
Integrated targets: Gray scale targets in three steps, at 10mm depth

### QA items

| Image quality and aging of the transducer

### DESCRIPTIONS

#### SPECIFICATIONS

Size: W10.3 x D5 x H8 cm  
W4 x D1.97 x H3.15 in.  
Weight: 0.33kg/ 0.72lbs

#### SET INCLUDES

1 phantom  
1 thermometer  
1 instruction manual

#### MATERIALS

Urethane elastomer,  
acryl,  
nylon Latex free

US-2

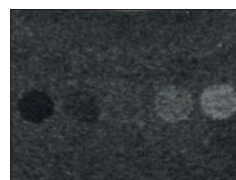
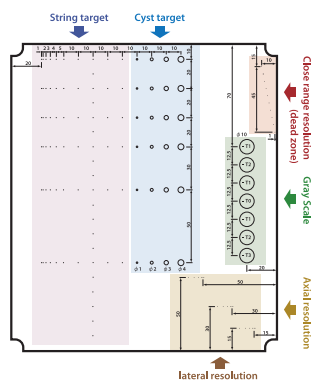
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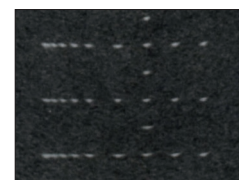
## Ultrasound QA Phantom (Multi-Purpose Phantom N-365)

### 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.



Gray scale



String targets

### DESCRIPTIONS

#### SPECIFICATIONS

Size: W19 x H22 x D7 cm  
W7.6 x H8.8 x D2.8 in.  
Weight: 3.6kg / 7.9lbs

Sonic velocity: 1432m/ sec at 25 degrees C  
Attenuation coefficient: 0.59 dB/ cm MHz at 25 degree C  
Acoustic impedance: 1.38 rayl at 25 degree C

#### MATERIALS

Urethane elastomer, acryl, nylon  
Latex free

#### SET INCLUDES

1 phantom  
1 carrying case