

Ultrasound Quality Assurance **Phantoms**

Japanese Patent No. 3650096

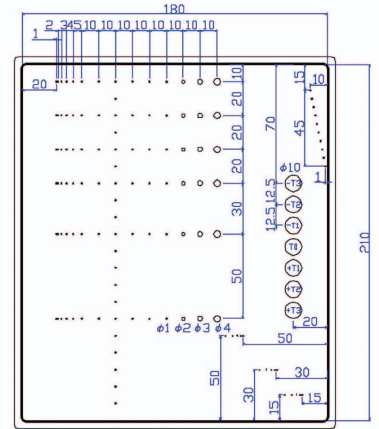
Product No. **US-2**



Ultrasound QA Phantoms are designed for assessment and calibration of ultrasound probes and other devices. KYOTO KAGAKU original unique phantom material is stable and long-life and shows excellent homogeneous granular background reflection.

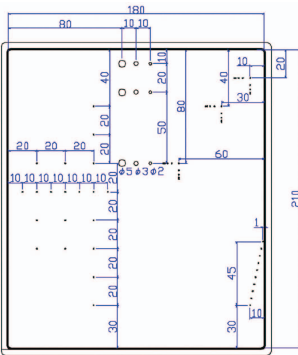
Useful both for daily assessment and further research. Gray scale for contrast evaluation, cyst targets with non-resonance cylinders, line targets for geometrical evaluation, close range (dead zone) resolutions, axial and angular resolutions are prepared for scanning. The phantom is designed to allow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

N-365 Multipurpose Phantom



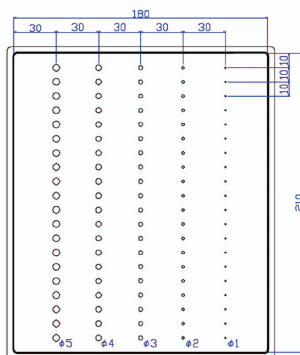
Production supervision:
Hiroshi Natori, Ph.D Professor Sapporo Medical University

N-060 QA Phantom

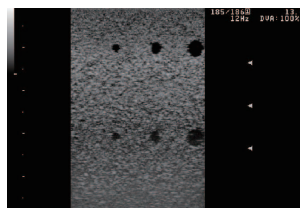


Basic quality assurance phantom for daily assessment with cyst targets and line targets.

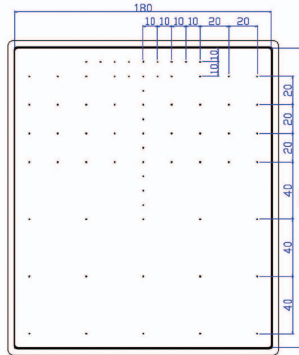
N-255 Cyst Phantom



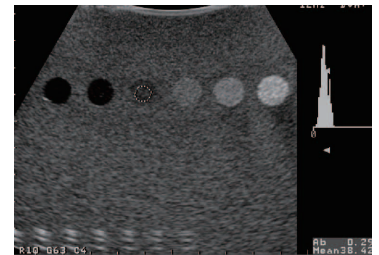
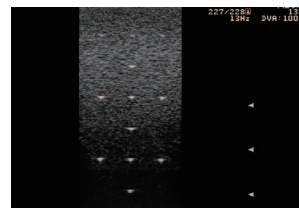
Probe performance can be evaluated up to 200 mm depth. Geometrical resolution and permeability can be assessed.



N-211 String Phantom



Nylon strings targets for image distortion assessment, axial resolution and angular resolution.



Set includes:

- 1 phantom each
- 1 carrying case each
- phantom size: 19 x 22 x 7 cm, 3.6 kg
- packing size: 35x 36 x 24 cm, 6 kg

Specifications are subject to change.

Common specifications:

Material: Urethane elastomer, acryl, nylon
Sonic velocity: 1440 m/sec at 25 degrees C
Rate of decrease:
0.57 dB/cm MHz at 25 degree C
Acoustic impedance: 1.38 Rayl at 25 degree C



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