

GAMMEX

UTED Transducer Phantom

ULTRASOUND



The Gammex Ultrasound Transducer Evaluation Device (UTED) phantom is designed to test the integrity of various types of transducers. The method is based on the evaluation of an image created by transmitted ultrasound reverberations in the lense.

The phantom does not include any targets. Instead users should expect to see a smooth, homogeneous surface if their transducer is working properly. Shadows or items in the image are an indication of a problem.

The UTED is suitable for linear, probe and convex types of transducers but not for phased array sector scan transducers.

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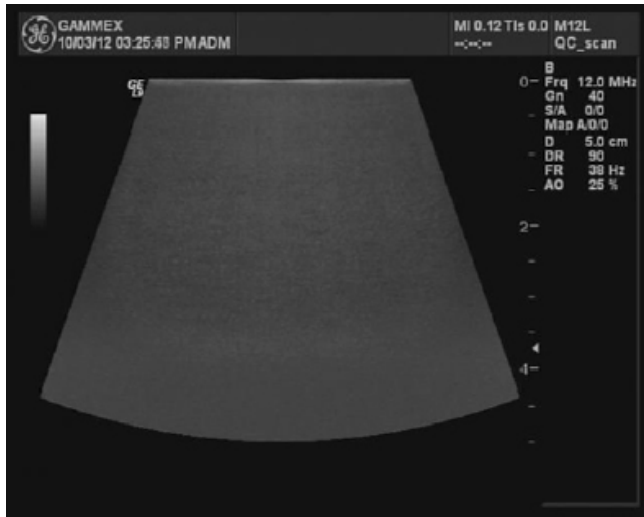
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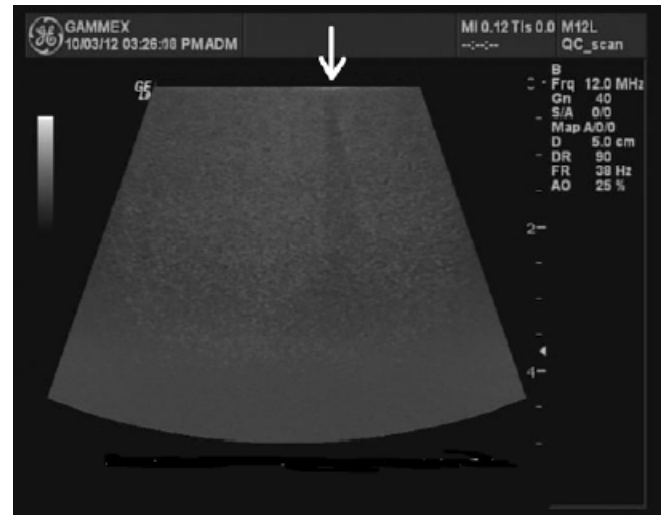
GAMMEX UTED Phantom m

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UTEDphantom used with a normal transducer

UTEDphantom used with a transducer with 1 bad element



Specifications

Material.....Silicone base

Dimensions

- Length..... 4 5/8 in (11.5 cm)
- Width.....2 1/4 in (5.7 cm)
- Height.....3 in (7.5 cm)

Weight.....580 +/- 5gms

