

BLADDER SCANNER PHANTOM

*Bladder Scanner Phantom for
Ultrasound Applications*



Yezitronix' Bladder Scanner Phantom Model BL-RG-3.1 is a multiple usage phantom developed for training and simulation of medical procedures such as measurement of bladder urine volume and ultrasound scanning.

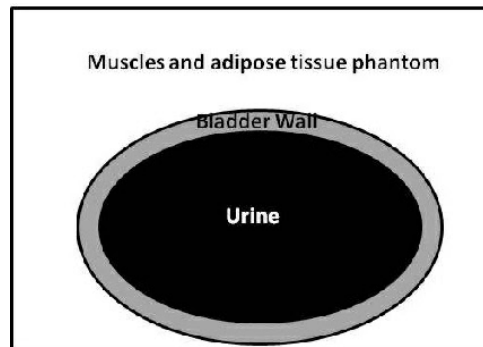
Its ingenious and versatile design makes our bladder phantom an incredibly useful tool for training of medical procedures.

All organs & tissues are correctly adjusted to mimic exact ultrasound echogenicity.

Available models: 100ml, 130ml.

Components :

- Bladder Phantom.
- Urine.
- Muscles and adipose tissue.



Schematic of bladder scanner phantom

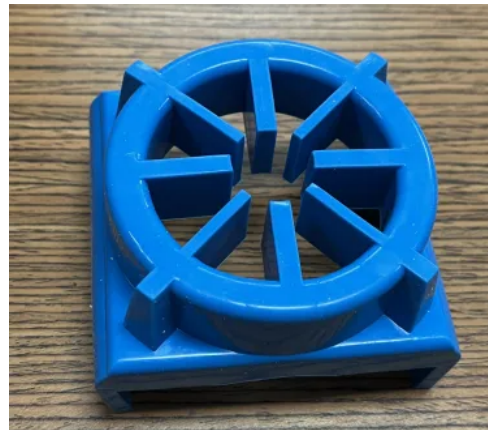


Image of Probe Holder



Bladder Phantom, Probe Holder and Bladder Scanner Probe



The bladder phantom surface mimics the mechanical properties of a human belly, it is perfect for training.

Specifications :

Multi-layer material - each tissue or organ is independent and has its own characteristics, echogenicity and mechanical properties.

Multiple usage of the same packaged phantom during an extended period of time.

Suitable for:

OEMs. medical devices simulation, robotic system calibration, hospitals, clinics, med schools training and demonstrations.

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Technology developed with the collaboration of the scientists from NRCC-National Research Council of Canada and surgeons at the department of urology at the London Health Sciences Centre in Ontario, Canada.
Patent Pending.

All components are based on Yezitronix' new unique MajesticMix material.
Speed of propagation ~1540m/s