

Brachytherapy QA Phantom



Model 045

*Perform QA on sidefire
transrectal probes*

The Model 045 is designed for transrectal ultrasound QA and calibration of brachytherapy systems. It contains targets to assess volume measurements, internal grid accuracy and probe retraction accuracy. When scanning towards the bottom of the phantom, a partial grid of wires appears. These wires should line up with the grid that appears on your screen thus ensuring correct vertical and horizontal distance measurements.

Five cross wires are embedded within the phantom to determine if the probe is being retracted the specified distance. Turn the probe 60° to the right or left to visualize and measure the volume of three different calibrated objects, one of which is non-spherical.

