



## TOMO IQ

### Breast Tomosynthesis Phantom Set Conforms with Euref Protocol

TOMO IQ is a set of image quality phantoms for testing of tomosynthesis mammography systems. This phantom set has been designed according to the EUREF Protocol Breast Tomosynthesis Quality Control Protocol Version 1.0

#### TOMO IQ comprises

PMMA plates produced to a  $\pm 0.1$  mm tolerance on thickness:

**(1pc)** 300 x 240 x 5mm plate with 25 embedded spheres (1mm dia.)

**(1pc)** 300 x 240 x 20mm plate with embedded 99.99% 0.20x10x10mm Al foil

**(1pc)** 300 x 240 x 5mm plate

**(1pc)** 300 x 240 x 10mm plates

**(2pc)** 300 x 240 x 20mm plates

TORMAM phantom

NPS Aluminium filter

MTF stainless steel edge

Stainless steel protective filter

X-ray Rulers (x4)

PMMA 200x10x10mm (x2)

PMMA 20x40x2mm (x7)



#### This phantom enables:

- AEC checks
- Detector homogeneity
- Geometric distortion
- SNR
- CNR
- Image resolution
- Z-resolution

[www.leadstestobjects.com](http://www.leadstestobjects.com)

#### Ask for optional items:

- MTF tungsten wire
- Focal spot star pattern  
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