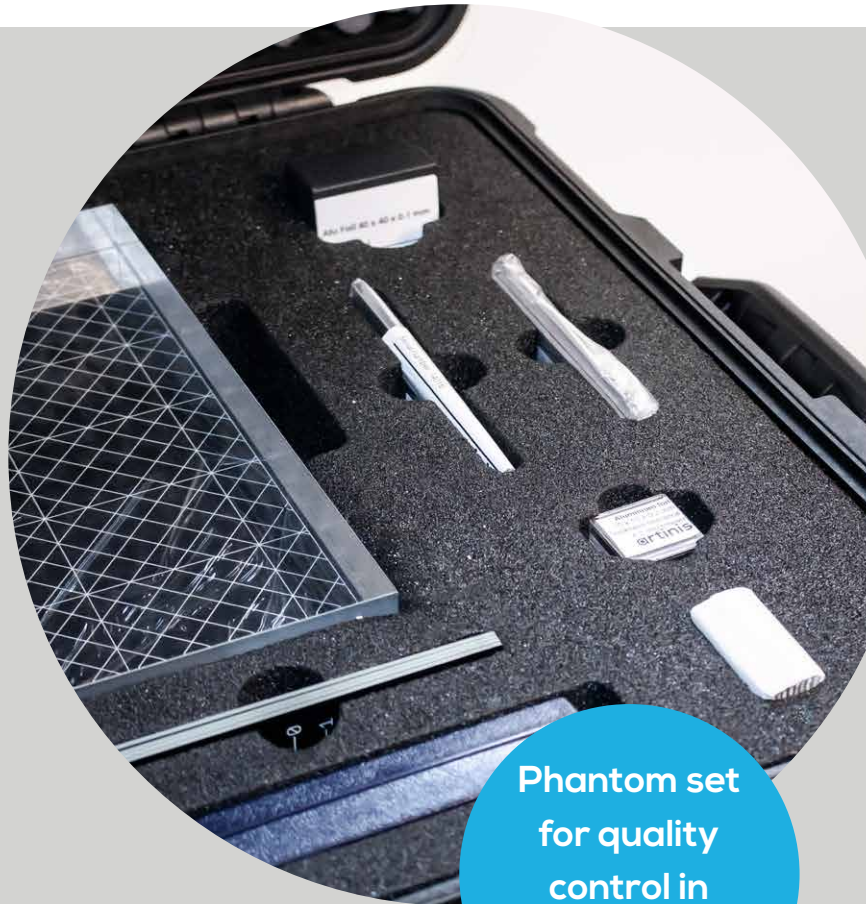


# EU Test Set

The fourth edition of the European Guidelines for quality assurance in breast cancer screening and diagnosis chapter 2b “Digital Mammography” and the EUREF type test protocol. All tests described in the guidelines can be performed with this set and the CDMAM phantom.

## Elements

- Geometric Distortion Phantom: 320 x 260 mm
- Stainless Steel plate: 320 x 260 x 3 mm
- Aluminum foil: 40 x 40 x 0.1 mm, thickness tolerance  $\pm 10$  micrometer
- Aluminum foil: 10 x 10 x 0.2 mm, thickness tolerance  $\pm 2$  micrometer
- MTF tool of Stainless steel: 120 x 60 x 0.8 mm, 50 micrometer rectangular edge
- Aluminum plate: 200 x 200 x 2 mm, thickness tolerance  $\pm 50$  micrometer
- 4 x Lead plates: 100 x 50 x 2 mm
- 4 x X-ray rulers: from 5 cm to -5 cm, scale 1 mm range
- 10 x PMMA plates: 40 x 20 x 2 mm
- PMMA Spacers:
  - 4 pcs: 180 x 15 x 10 mm, thickness tolerance  $\pm 0.1$  mm
  - 2 pcs: 180 x 15 x 8 mm, thickness tolerance  $\pm 0.1$  mm
  - 2 pcs: 180 x 15 x 5 mm, thickness tolerance  $\pm 0.1$  mm
  - 2 pcs: 180 x 15 x 2 mm, thickness tolerance  $\pm 0.1$  mm
- A sturdy case (Peli Case)



Phantom set  
for quality  
control in  
mammography



## Extreme Flat Polished Elements

- Homogeneous Phantom: 320 x 260 x 45 mm, thickness tolerance  $\pm 0.1$  mm
- 7 x PMMA plate: 240 x 180 x 10 mm, thickness tolerance  $\pm 50$  micrometer
- PMMA plate: 240 x 180 x 5 mm, thickness tolerance  $\pm 50$  micrometer

\*Every mentioned items are polished and specially machined for extreme flatness

## X-Ray Ruler

The X-ray ruler is used to determine the width of tissue not imaged between the edge of the breast support table and the imaged area. The ruler can be placed besides an item at the bucky to measure the size of the item or a particle at the image. For Tomosynthesis the X-ray rulers can also be used to measure the coincidence of reconstructed and irradiated volume.

