



QUALITY ASSURANCE FOR MAMMOGRAPHY AND TOMOSYNTHESIS SYSTEMS

The Mammo/Tomo AEC & Uniformity Slabs are an essential tool for routine quality assurance of digital mammography and breast tomosynthesis systems. Manufactured from high-purity PMMA, this phantom is built for precision and durability in demanding clinical environments.

Product Features & Benefits

Automatic Exposure Control (AEC): Perform accurate checks to optimize imaging parameters

Geometric Distortion: Validate imaging system accuracy for undistorted, high-fidelity results

Signal-to-Noise Ratio (SNR): Assess image clarity and minimize noise interference

Contrast-to-Noise Ratio (CNR): Ensure optimal differentiation of subtle tissue contrasts

Homogeneity: Confirm uniform image quality across the field of view

Z-Resolution: Evaluate depth resolution for enhanced 3D imaging performance

Standards Compliance

EUREF Protocol: Quality Control of the Physical and Technical Aspects of Digital Breast Tomosynthesis Systems

Specifications

- One Plate: 300 mm x 240 mm x 20 mm
 - Embedded Aluminum Foil: 10 mm x 10 mm
- One Plate: 300 mm x 240 mm x 5 mm
 - 25 Embedded Spheres: 1 mm Diameter
- One Plate: 300 mm x 240 mm x 20 mm
- One Plate: 300 mm x 240 mm x 10 mm
- One Plate: 300 mm x 240 mm x 5 mm

Accessories

- Comprehensive Product Manual
- Sturdy Carrying Case

Model Number

QA-MAM020: Mammo/Tomo AEC & Uniformity Slabs