

RSD

Radiology Support Devices, Inc.

Breast Simulation QA Phantom



TISSUE MIMICKING QA PHANTOM FOR MAMMOGRAPHY SYSTEMS

The Breast Simulation QA Phantom is a reliable and efficient tool designed for routine evaluation of mammography system performance. Its construction simulates realistic breast tissue, forming images that replicate key pathological features, such as filaments, micro-particles, and low-contrast details. Regular use helps ensure consistent imaging quality and early detection of potential system deterioration.

RSD's Breast Simulation QA Phantom is a critical component for maintaining high diagnostic standards in mammography systems.

Product Features & Benefits

Pathology Simulation: Mimics the appearance of breast tissue, including filaments, micro-particles, and low-contrast details

Micro-Calcifications: Four groups ranging from 354-224, 283-180, 226-150, 177-106 microns

Performance Tracking: Provides visual indicators of system quality to detect image degradation early

User-Friendly: Simple setup and intuitive evaluation process for efficient routine quality assurance

Standards Compliance

IEC 61223-3-2: Evaluation and routine testing in medical imaging departments - Part 3-2: Acceptance tests - Imaging performance of mammographic X-ray equipment

Specifications

- Dimensions: 240 mm Diameter (Semi-Circle) x 45 mm

Accessories

- Comprehensive Product Manual
- Sturdy Carrying Case

Model Number

QA-MAM010: Breast Simulation QA Phantom