



## COMPREHENSIVE QA PHANTOM FOR MAMMOGRAPHY & TOMOGRAPHY SYSTEMS

The Mammo/Tomo 1-Shot is a versatile and easy-to-use tool designed for daily quality assurance of mammography systems. It produces realistic images featuring filaments, micro-particles, and low-contrast details, mimicking pathological features in breast tissue. Deviations from baseline performance may indicate potential deterioration in image quality, enabling early detection of system issues.

RSD's Mammo/Tomo 1-Shot is an essential tool for ensuring consistent image quality, providing accurate assessments of system performance, and maintaining high diagnostic standards in mammography.

## Product Features & Benefits

**Breast Tissue Simulation:** Mimics breast tissue with realistic representations of micro-calcifications and features for pathology simulation

**Mammography Support:** Evaluates 2D imaging capabilities, including depth resolution and contrast

**Filaments:** Six groups for evaluating resolution and fine detail detection

**Micro-Calcifications:** Six groups ranging from 354-224, 283-180, 226-150, 177-106, 141-90, and 106-93 microns

**Low-Contrast Threshold Details:** Six groups of three low-contrast detail sets for evaluating subtle feature visibility

## 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 10 mm
- Six PMMA Plates: 240 mm Diameter (Semi-Circle) x 10 mm
- Two PMMA Plates: 240 mm Diameter (Semi-Circle) x 5 mm

## Accessories

- Comprehensive Product Manual
- Sturdy Carrying Case

## Model Number

**QA-MAM040:** Mammo/Tomo 1-Shot