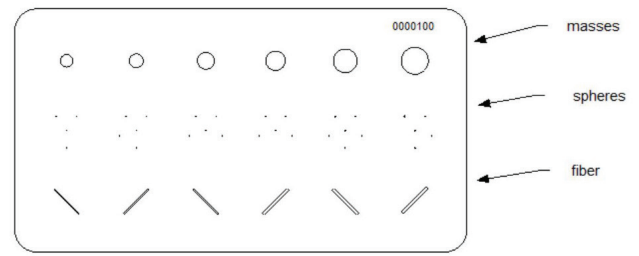
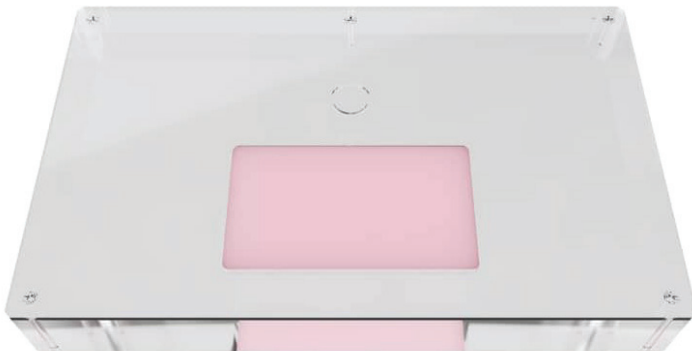


Mammography Full Field Accreditation Phantom

Part Number: 99-9984



Test Pattern

Introduction

The Ludlum ACR (American College of Radiology) accredited Mammography Full Field Phantom is designed to test the performance of a digital mammographic system by evaluating the system's ability to image small structures similar to those found clinically: micro-calcifications, fibrous structures in ducts, and tumor-like masses. This phantom is similar to the Ludlum Mammography Accreditation Phantom (PN: 99-9983), the main difference being the size: the full field version is larger and covers the entire image detector, thus eliminating scatter.

The Mammography Full Field Accreditation Phantom will aid in monitoring the overall performance of a standard imaging system, and will assure compliance with ACR guidelines.

Specifications

- Simulates 42 mm compressed breast of average glandular/adipose composition (50% / 50%)
- DIMENSIONS: 311.2 x 190.5 x 41.3 mm (12.25 x 7.5 x 1.63 in.)
- WAX INSERT:
 - NYLON FIBRILS DIAMETERS: 0.89, 0.75, 0.61, 0.54, 0.40, and 0.30 mm
 - MICROCALCIFICATIONS: 0.33, 0.28, 0.23, 0.20, 0.17, and 0.14 mm Al_2O_3 specks
 - TUMOR-LIKE MASSES: 1.00, 0.75, 0.50, 0.38, 0.25, and 0.20 mm thick
- Includes a comfortable carrying case
- Complies With:
 - IEC 61223-3-2
 - ACR Mammography Accreditation Program Requirements (May 4, 2012)
- CE certified
- The manual provides detailed guidelines for carrying out each test, results assessment, and registration

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Note: specifications subject to change without notification. We are not responsible for errors or omissions.

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