

# Model L-011A

## Tissue-Equivalent Mammography Phantom



Ludlum Measurements, Inc.

### Introduction

The Model L-011A Tissue Equivalent Mammography Phantom is a realistically shaped (compressed breast) phantom that will provide the QA Technologist or Medical Physicist with the necessary information to evaluate any mammographic system.

The phantom contains 19 different targets that are engineered to simulate granular calcifications as well as spherical and fibrous masses. The targets range in size from those that should be visible to any system to those that will be difficult to resolve on the best of systems. The phantom also includes a line-pair resolution target and a contrast step wedge.

Included are a 30x hand-held microscope and QA documents for recording image evaluations and scores. A technical manual is also provided.



### Specifications

Part Number 99-9008

**HEIGHT:** 4.5 cm (1.8 in.) (thickness)

**WIDTH:** 18.5 cm (7.3 in.)

**LENGTH:** 12.5 cm (4.9 in.)

**MATERIAL:** epoxy resin phantom with calcium carbonate  
Optional carrying case available.

# Model L-013

## Stereotactic Needle Biopsy Training Phantom

### Introduction

The Model L-013 Stereotactic Needle Biopsy Training Phantom is a disposable training tool and practice medium for mammography needle biopsy procedures. The phantom can also be used as a QA device for stereotactic systems.

The phantom body is shaped to represent a partially compressed breast, allowing the user to apply the necessary compression to meet the 4.5 cm recommended value for optimum imaging.

The phantom outer material is an elastic skin-like membrane that allows multiple training sessions. The internal material is made from a proprietary tissue equivalent gel that prevents the leakage of material when punctured.



Embedded within the phantom are numerous randomly positioned solid masses of varying sizes, as well as two calcification clusters, which are positioned with the medial transverse plane at the right and left edge of the phantom.

### Specifications

Part Number 99-9007

**VOLUME:** 530 cc

**SIZE:** 10 x 16.5 x 5 cm thick (3.9 x 6.5 x 2 in.)

**WEIGHT:** 0.5 kg (1.1 lb)

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

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