

Model 18-250 Digital Mammography Evaluation Phantom

Until now, there has not been an easy way to compare the image quality of conventional and digital biopsy mammography units. The Model 18-250 Digital Mammography Evaluation phantom allows you to do just that. The field of view on the digital system is typically much smaller than the 24 x 30 cm field of view on the conventional mammography units.

In order to image the Mammographic Accreditation Phantom specified by ACR on the biopsy units, the user had to move the phantom to various positions, overlapping to be sure that all objects were imaged. This is a very inconvenient, time-consuming task.

The small size of the Digital Mammography Evaluation Phantom enables you to image the unit entirely in a single exposure. The objects are some of the same found in the Mammographic Accreditation Phantom specified by the ACR, so it makes comparison of the two imaging systems easily.

Designed by Joel E. Gray, Ph.D. and Carol Mount, R.T.(R), (M), Department of Radiology, Mayo Clinic, Rochester, MN 55905. Manufactured by Fluke Biomedical under licensing agreement with Mayo Foundation for Medical Education and Research.



Features:

- ▶ Contains test objects similar to those found in the ACR Mammographic Accreditation Phantom
- ▶ The extended top edge allows ease of positioning on recumbent biopsy units
- ▶ The small size allows the phantom to be imaged in its entirety in a single exposure when used with a digital biopsy unit
- ▶ Enables you to determine if the images are similar or better than screen-film
- ▶ Fast, convenient and easy to use

Specifications

WAX INSERT

Fibers: nylon; 0.93 mm, 0.74 mm, 0.54 mm, 0.32 mm

Specks: 0.54 mm, 0.32 mm, 0.24 mm, 0.20 mm

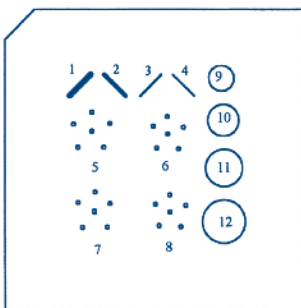
Masses: 1.0 mm, 0.75 mm, 0.50 mm, 0.25 mm thick

BASE BLOCK

Material: cast acrylic

Dimensions: 6.05 x 6.2 x 3.7 cm

Weight: 0.25 kg (8.7 oz)



Contains:

nylon fibrils, simulated micro-calcifications and tumor-like masses that mimic the actual clinical pathology.

865 Easthagan Drive, Nashville, Tennessee 37217 USA

phone 615 391 3076 800 635 2662 fax 615 885 0285 www.cnmcco.com

AFRICA | ASIA | EUROPE | LATIN AMERICA | MIDDLE EAST | NORTH AMERICA



Best[®]

healthcare for everyone