

Mammography Phototimer Consistency Testing Slabs

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- Supports precise assessment of AEC system performance in accordance with ACR and MQSA recommendations
- Accurately simulates breast tissue across mammography energy range



The Mammography Phototimer Consistency Testing Slabs verify stable Automatic Exposure Control (AEC) performance, supporting consistent image quality and appropriate patient dose in mammography. Reliable AEC function is essential for accurate breast cancer detection.

The slabs are manufactured in accordance with American College of Radiology (ACR) and Mammography Quality Standards Act (MQSA) recommendations. Unlike acrylic alternatives, these slabs are produced to tight material tolerances and are formulated to more accurately simulate breast tissue attenuation across the energy range used in mammography. The BR-12 composition (47% glandular, 53% adipose) is the most commonly used configuration.

Key Benefits

- Accurately simulates breast tissue for realistic AEC performance evaluation
- Ensures reproducible attenuation characteristics for reliable longitudinal AEC consistency checks
- Supports ACR and MQSA recommended testing practices

Specifications

Standard Glandularity	BR-12
Quantity & Thickness	3 = 2 cm
	2 = 1 cm
	1 = 0.5 cm
Length	12.5 cm
Width	10 cm