

Full Field Digital Phantom

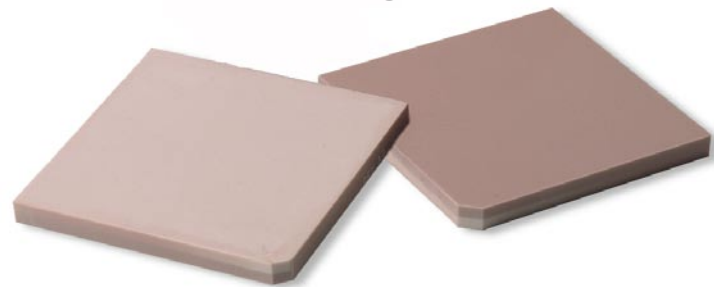
Specifically designed for assessment of digital system resolution and verification of CCD stitching

Full Field Digital Mammography systems which utilize CCD technology require test tools to monitor the continuity of "stitching" software.

The CIRS Model 085 phantom provides a series of L-shaped line pair targets from 4 to 12 line pair per mm. These targets are contiguously positioned to cover an 18 cm x 24 cm area at midplane in a 1 cm thick tissue equivalent slab.

Visual inspection of the resulting image permits quick and definitive assessment of stitching continuity and system resolution.

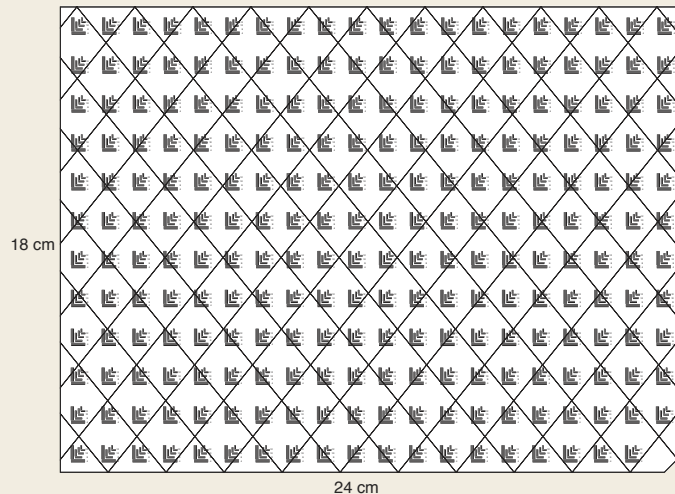
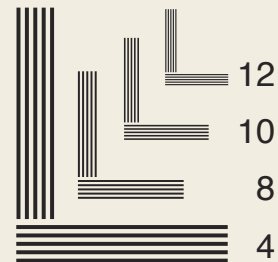
Additional slabs of tissue equivalent material are available for varying thickness and attenuation values.



Model 085

Target

- Tin/Lead construction on Kapton substrate
- Bar length is five times width of the line grouping
- Target pattern embedded mid-plane of phantom



Phantom Body

| | |
|-----------|---------|
| Material: | BR50/50 |
| Length: | 240 mm |
| Width: | 180 mm |
| Height: | 10 mm |

Tissue Simulation & Phantom Technology

CIRS

2428 Alameda Avenue • Suite 212 • Norfolk, Virginia 23513 • USA
 (800) 617-1177 • (757) 855-2765 • FAX (757) 857-0523
 www.cirsinc.com • admin@cirsinc.com

