

Radiography Fluoroscopy QA Phantom



Model 903

Solid assessment tool for x-ray image quality programs

The CIRS Model 903 Radiography/ Fluoroscopy QA Phantom is designed to provide physicians with an opportunity for a comprehensive review of their Radiography / Fluoroscopy facility, image quality programs.

The Radiography / Fluoroscopy QA Phantom can be used for initial QA assessment and routine monthly QA testing to help ensure patients are receiving the best possible X-ray examinations.

The CIRS Model 903 is manufactured from PMMA equivalent epoxy that offers the same X-ray attenuation properties as acrylic with significantly greater durability.

The overall phantom measures 25 cm wide x 25 cm long x 20.7 cm high and consists of three attenuation plates, one test object plate and a detachable stand for easy, reproducible set-up. Test objects include high-resolution copper mesh targets from 12 –

80 lines per inch and two separate contrast-detail test objects.

Optional accessories are available to evaluate iodine contrast visibility and linearity as well as digital subtraction effectiveness under various conditions.

Features:

- Suitable on CR, DR & Fluoroscopy systems
- Durable PMMA-equivalent epoxy
- Multiple configurations
- Assesses:
 - Entrance skin dose
 - Minimum detectable contrast (%)
 - Low-contrast resolution
 - Optical density
 - High-contrast resolution
 - DSA function and arterial visibility

INCLUDES:

- Test Object Plate
- 4.1cm Block with Lead Markers
- 7.6 cm Block with Aluminum Plate & Detachable Support Legs
- 7.6 cm Block

OPTIONS:

- Artery Slot Block
- Artery Block with Iodine (15 mg/mL)
- Artery Block with Iodine (150 mg/mL)
- Bone Bloc