



TO XR21

Cardiovascular Fluoroscopy Phantom

The TO XR21 phantom was designed to allow the user to check image quality in accordance with the NEMA XR21 standard. This phantom is manufactured from PMMA and enables various QA checks.

The modular stacking design of the plates allows variation of phantom thickness in steps of 25mm, up to a total of 300mm, simulating a range of patient sizes.

TO XR21 Measures:

- Spatial resolution
- Contrast (iodine) resolution
- Radiation field size
- Beam alignment
- Working thickness range
- X-ray to light field alignment
- Motion blur (rotating spoke)
- Dose (dose meter not supplied)

Phantom Includes:

- Attenuator plates
- Detail plate
- Beam centring assembly
- Field size plate
- Test stand
- Copper plate
- Lead plate
- Rotating spoke assembly





TO XR21
 Fluoroscopy Phantom

Detail

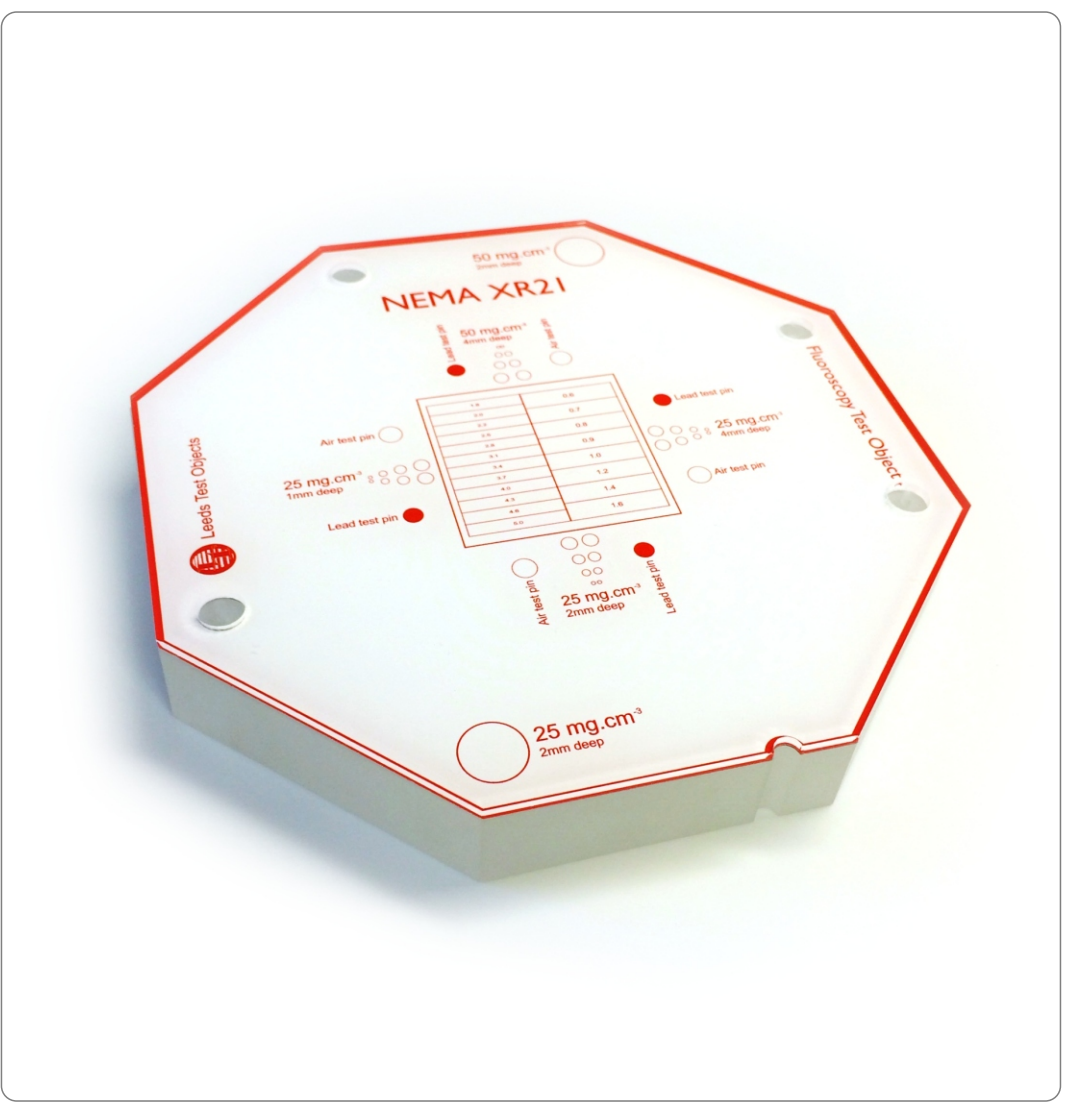


fig. 1 TO XR21 detail plate

www.leadstestobjects.com

TO XR21

Fluoroscopy Phantom

Detail



fig. 2 Rotating spoke plate

The rotating spoke contains 5 stainless steel wires of diameter

0.125mm, 0.20mm, 0.30mm, 0.40mm, 0.50mm.

The wires rotate at 30 r.p.m. as standard, but can be programmed to run at different speeds.