



SFS-2 Set

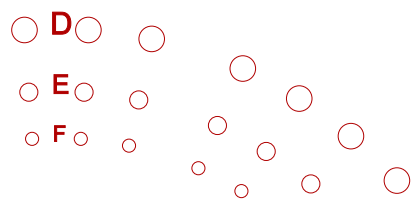
Digital Fluoroscopy & Interventional Radiology

A set of test objects designed to be used quickly and easily to provide an ongoing check of imaging performance, particularly those aspects which are most liable to deterioration. An ongoing record of these numbers will reveal any trend towards deterioration in imaging performance.

Set includes:

- TO10 threshold contrast test object
(108 details (12 sizes x 9 contrasts) Size range 11mm to 0.25mm, Contrast range 0.012 to 0.930 @ 70kVp, 1mm Cu filtration)
- TO12 threshold contrast test object
(108 details (12 sizes x 9 contrasts) Size range 11mm to 0.25mm, Contrast range 0.0043 to 0.954 @ 70kVp, 1mm Cu filtration)
- TO N4 contrast loss test object
(19 details, 11mm diameter, Contrast range 0.007 to 0.16 @ 70kVp, 1mm Cu filtration)
- TO GS3 greyscale test object
(Monitor greyscale adjustment using a ten-step wedge ranging from peak black to peak white, highlight and lowlight details and a surrounding lead circle for a routine geometry check)
- TO M2 geometry test object
(Cross ruler and grid for field size and light/x-ray congruence, with beam centring tower)
- TO MS5 mesh test object
(50mesh - 0.20mm wire, 310micron aperture)
- TO MTF
(MTF edge with free software)
- MOTUS
(Programmable motion platform for motion QA 9lag, subtraction imaging) with free software)
- Resolution test object
(0.5 to 5.0 LP/mm)
- 1.0 mm Copper filter x 1
- 0.5 mm Copper filter x 2





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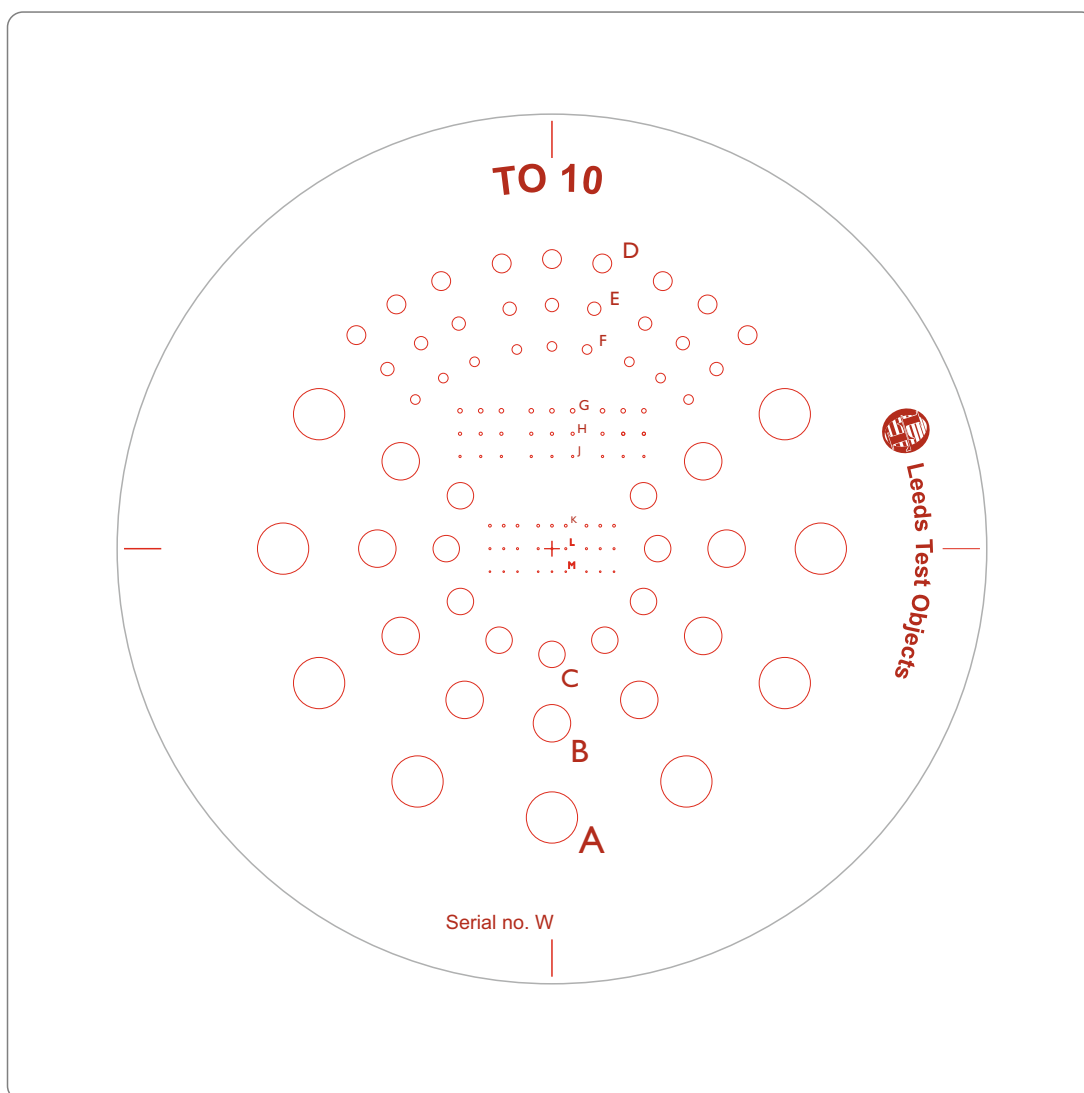
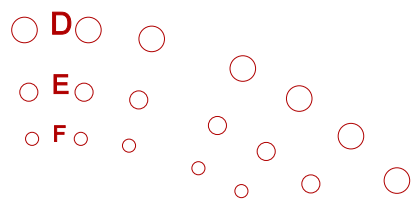


fig. 1 TO10



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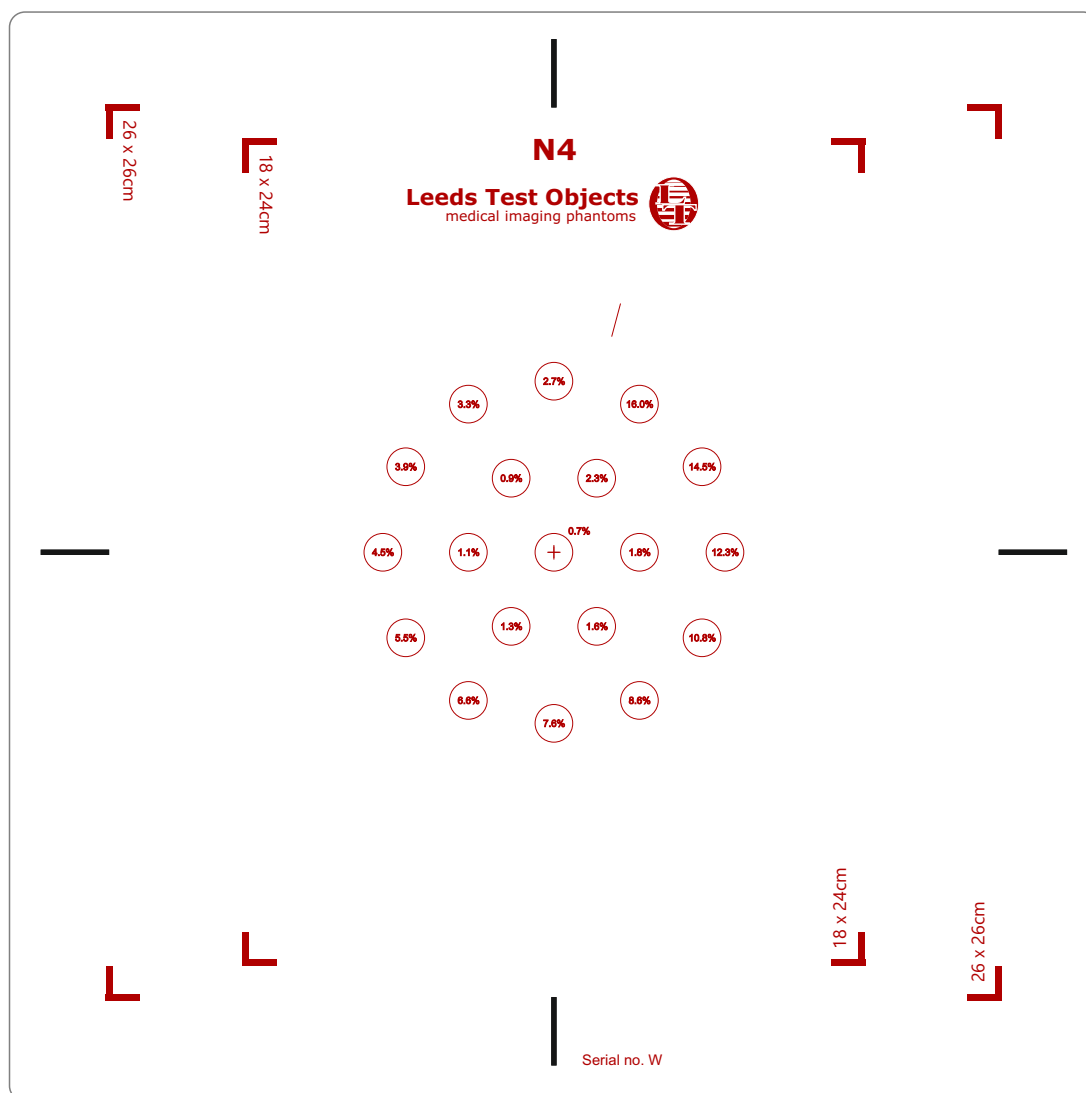
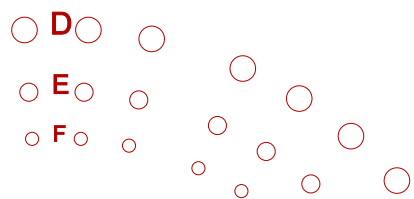


fig. 2 TO N4



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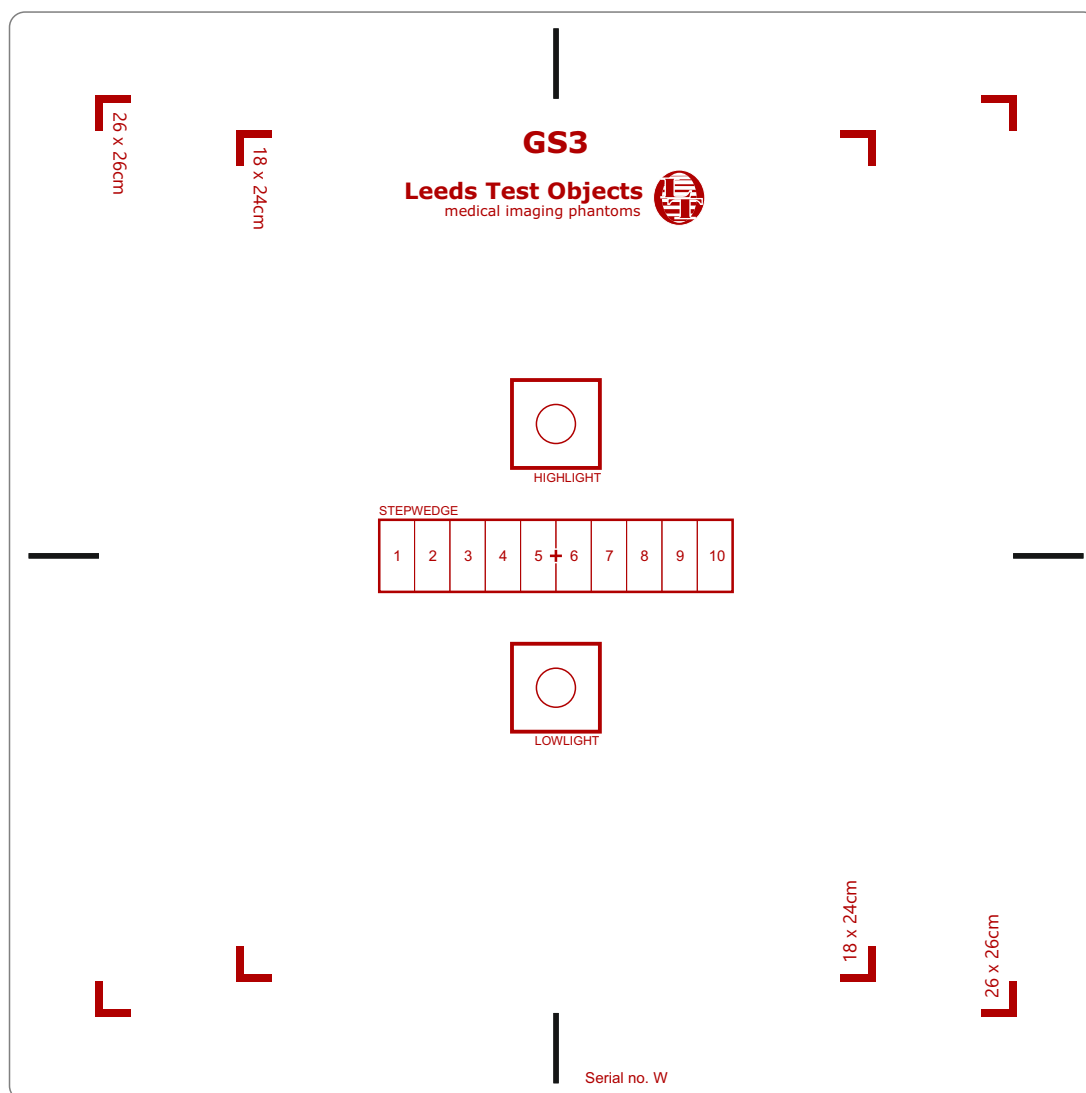
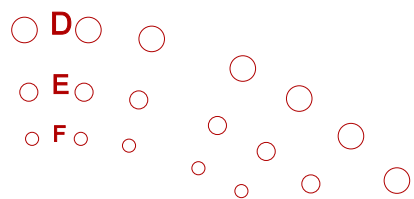


fig. 3 TO GS3



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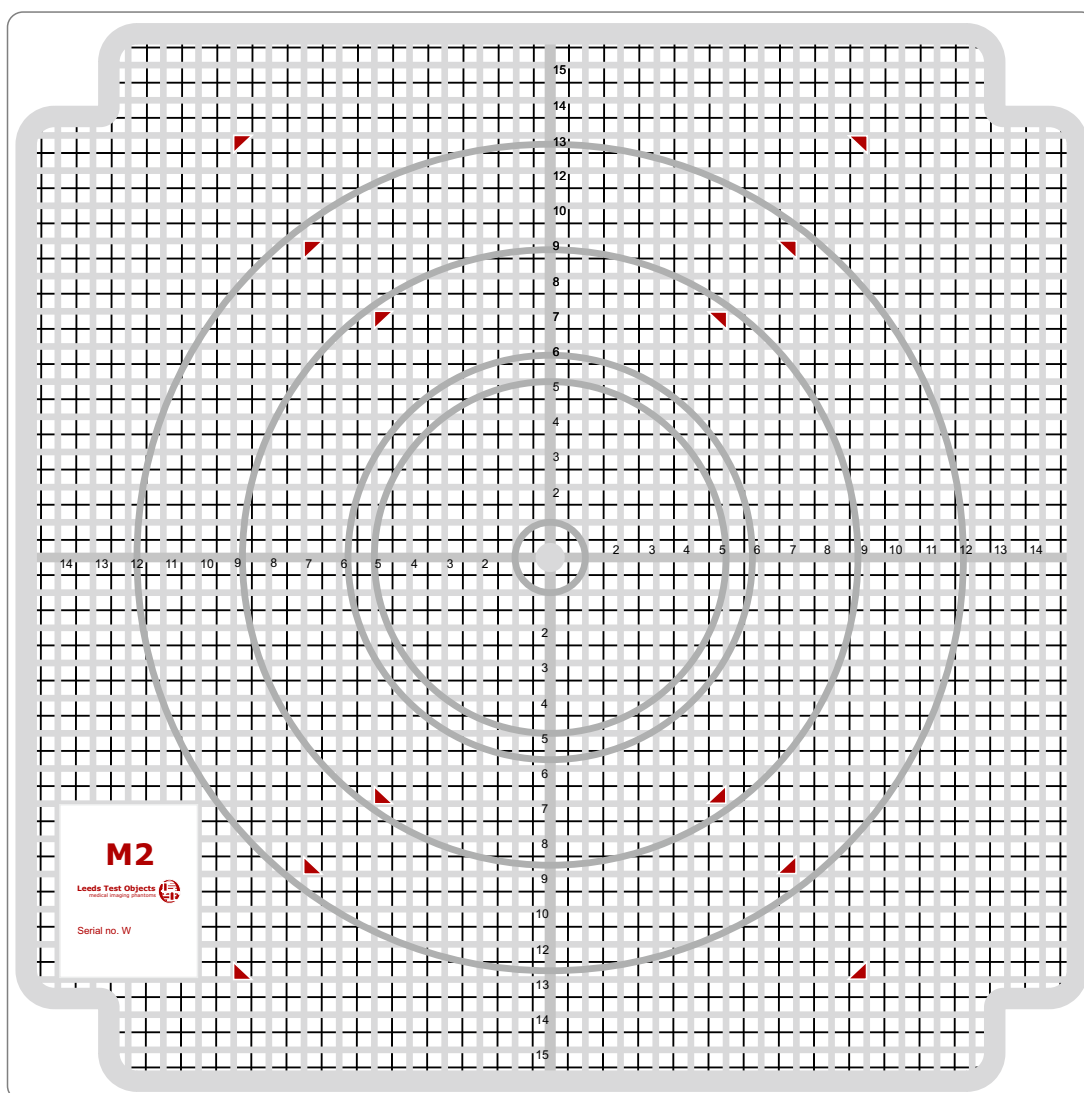
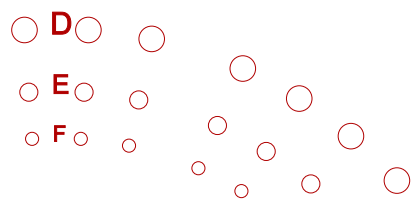


fig. 4 TO M2

www.leadstestobjects.com



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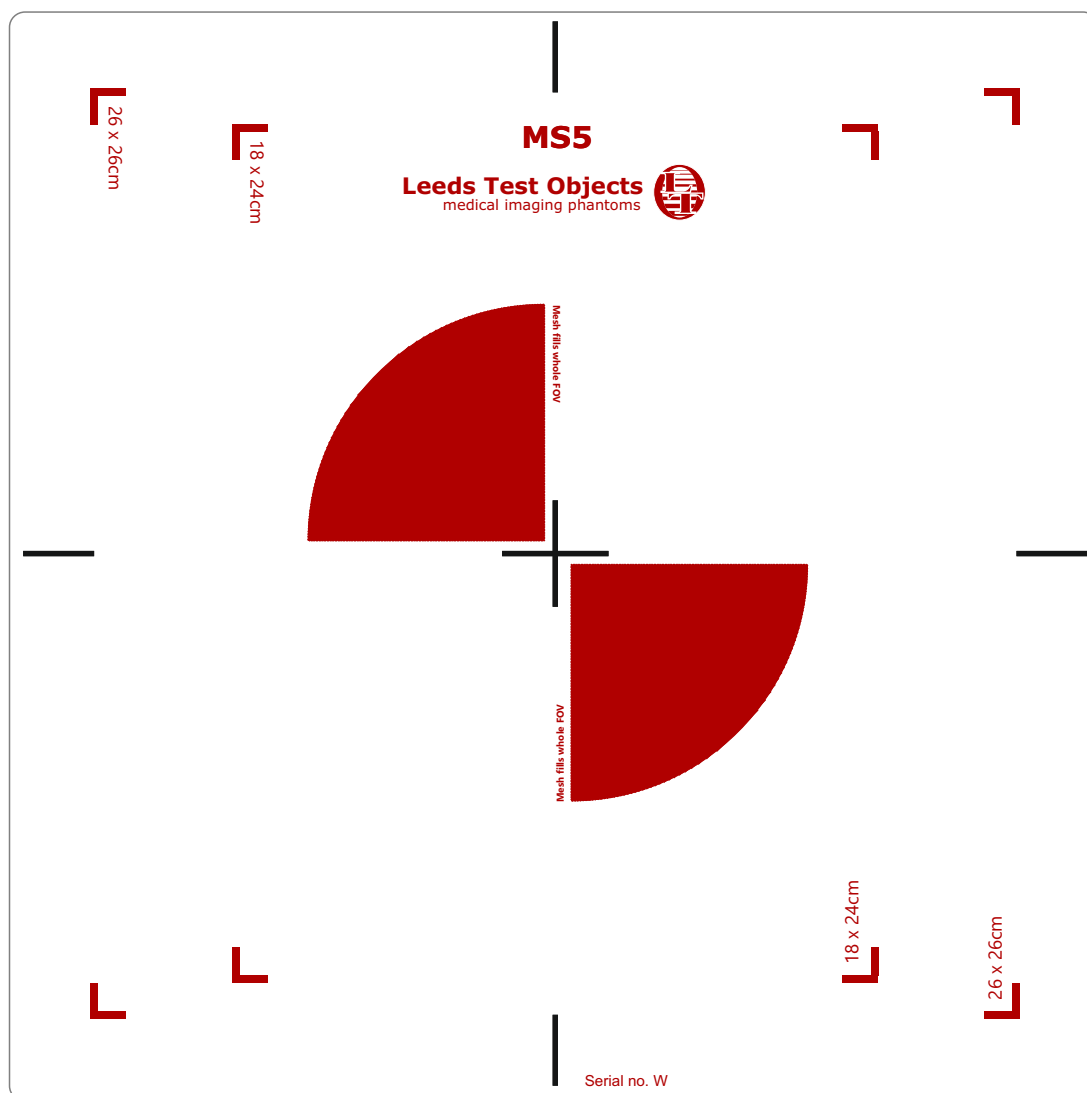
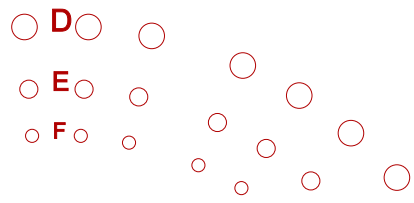


fig. 5 TO MS5



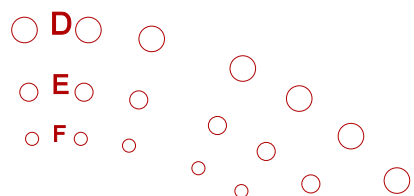
SFS-2 Set

Digital Fluoroscopy & Interventional Radiology



fig. 5 MOTUS

www.leadstestobjects.com

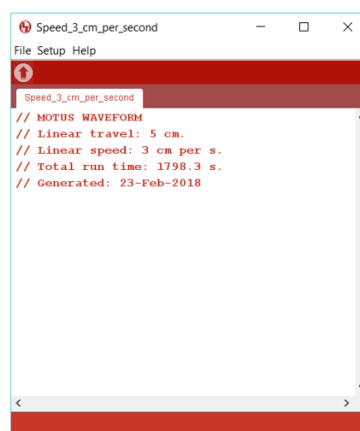
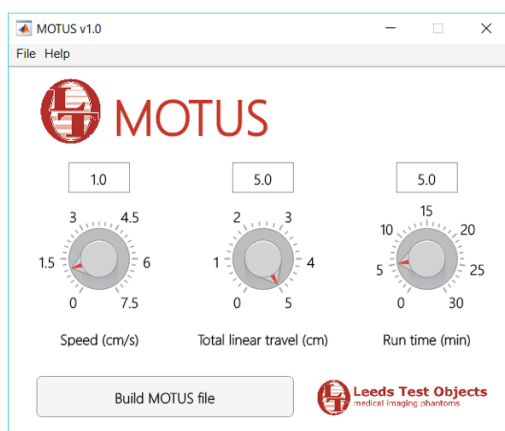


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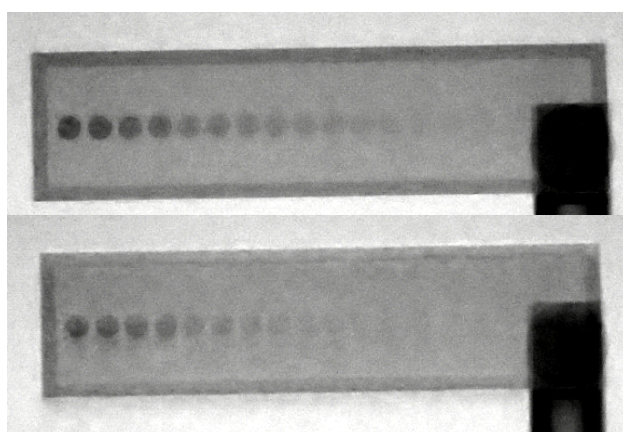
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DynamIQ Software

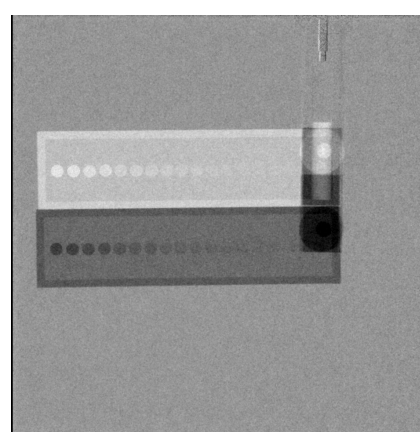
File builder and uploader (via USB)



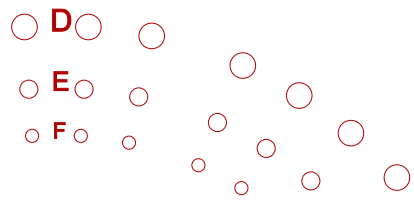
Images



Effect of motion on image quality
Top: static image
Bottom: motion blur and loss of contrast



Digital Subtraction



SFS-2 Set

Digital Fluoroscopy & Interventional Radiology

Leeds Test Objects' TO MTF is an X-ray quality assurance phantom comprising an angulation wheel and a choice of Tungsten (W) plates which allow the user to check the modulation transfer function (MTF) of an x-ray imaging system.

Designed in accordance with IEC standards; **62220-1:2004**, **62220-2:2007** and **62220-3:2008**.

Comprises:

- Angulation Wheel
- Single edge block in 1mm Tungsten (W) with max 5 micron ripple
- Dual edge block in 1mm Tungsten (W) with max 5 μ ripple

TO MTF is supplied in a protective carry case.

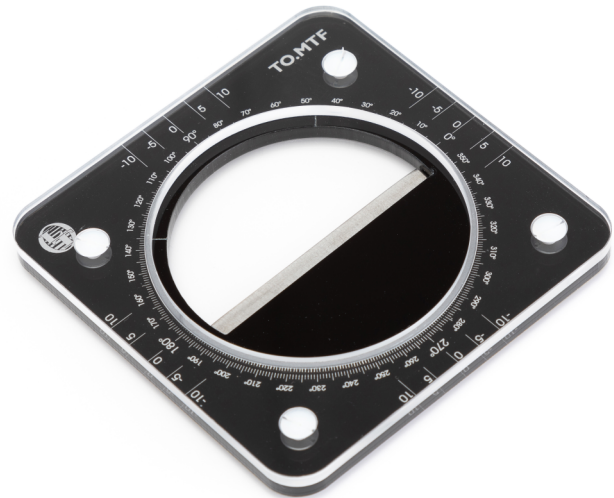


fig. 5 TO MTF

**FREE
Software
Included!**