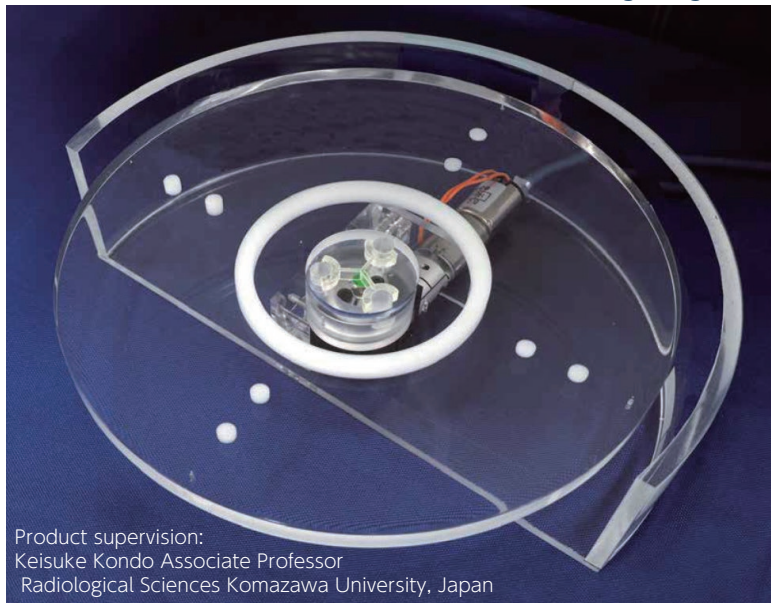


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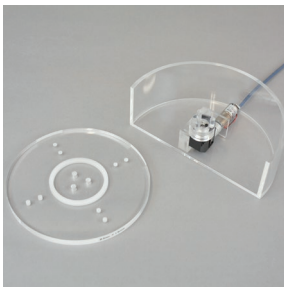
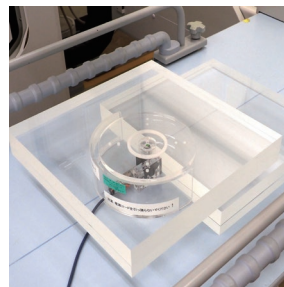


Moving Phantom for Residual Image Evaluation KS-III

A phantom for determining imaging conditions and image processing parameters for moving images such as IVR



Product supervision:
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FEATURES

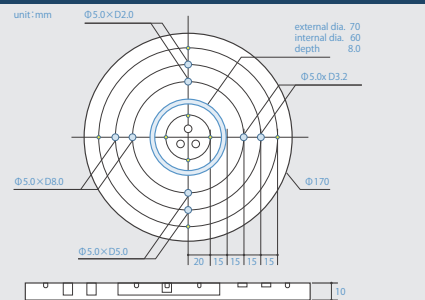
- | Signals placed on a rotating disk for determining imaging conditions and image processing parameters for moving images
- | Using moving signals to analyze the residual images and lags
- | Metallic ball for alignment
- | Signals with four different contrast enables visual evaluation in low contrast
- | Come with data analysis software which use imageJ

APPLICATIONS

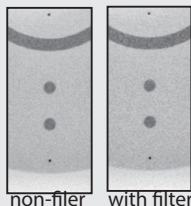
- | IVR
- | Evaluation of residue in moving image
- | Evaluation of contract variation in moving image

ANALYSIS METHOD

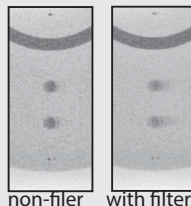
Noise reduction process such as recursive filter is effective on static images but generate residue (lag) on moving images. Using the phantom and the software analyze and evaluate this residue (lag) particular to dynamic images.



static



dynamic



DESCRIPTIONS

SET INCLUDES

1 control unit	1 analysis software
1 disc phantom	1 carrying case
1 set of cable and plug	1 manual

MATERIALS

Acrylic resin, Epoxy

SPECIFICATIONS

Phantom size:
W20×D18.5×H6.7 cm
W7.9×D7.3×H2.6 in
Phantom weight:
855g / 1.88lb

Rate of rotation : 4 /minute
*Rate 4rpm is based on cardiac movement of 20mm/s
Internalsignal:20.9mm/s, externalsignal:27.2mm/s
Power supply : AC100V 50/60Hz
Consumption : 10W

*Acrylic plates for scatterer are not included in the set

PUBLICATION REFERENCES

