

**PRODUCT INFORMATION**

ヨーロッパMRIテスト対象物…
"Eurospin" MRIテスト・ファントム

MRI Test Objects - the "Eurospin Test System"

These Test Objects are designed to be used for checking the image performance of MR Scanners with static fields in the range from 0.02 to 2Tesla. The design was based upon Collaborative Research work within the framework of the Concerted Research project "Identification and Characterisation of Biological Tissues by NMR" COMAC-BMU II 2.3 from 1984 led by Dr F.Podo. It was further developed by a group led by Dr. R.A.Lerski at

- Test Object #1 – "Flat Field" is for assessing Uniformity, Ghosting, Image signal to noise and Uniformity of Image Noise.
- Test Object #2 – "Distortion/Slice A" – is for assessing Geometric Distortion, Slice Profile and Width.
- Test Object #3 – "Slice B" is for assessing Slice Warp and Position.
- Test Object #4 – "Resolution" is for assessing Resolution by bar pattern and the Modulation Transfer Function.
- Test Object #5 – "Relaxation Times" is for measuring T1 & T2 Accuracy, Precision and Contrast.
- Test Object #6 – "Annulus" is the mounting system which is used to hold each of the above in place in the MRI scanner.



The Eurospin Test System for MRI Scanners



The Annulus for the Eurospin Test System

・仕様は、予告無く変更することがあります。