



## Model 321 Delta/Dynamic Susceptibility Contrast (DSC) Phantom Spec Sheet

- Developed in conjunction with NIST following RSNA/QIBA profile: Dynamic Susceptibility Contrast MRI (DSC-MRI), DSC-2020.01.29.
- $\varnothing 194$  mm spherical shell fits most MRI scanners and head coils.
- DSC mimics: Ten 30 ml vials with aqueous solutions of Agarose in concentrations from 0.2% to 3.0% doped with 0.01mM  $\text{GdCl}_3$ .
- Chemical reference solutions: three 30 ml vials with 0.047mM  $\text{MnCl}_2$  and three 5 ml Physical reference vials with 1.0mM  $\text{GdCl}_3$ .
- Patented ten-element liquid crystal (LC) thermometer, MR-readable, for temperature compensation from 15°C to 24°C.



4909 Nautilus Court North, Suite 121, Boulder, Colorado 80301 USA  
+1.720.828.QMRI (7674) | [info@qmri.com](mailto:info@qmri.com) | [www.qmri.com](http://www.qmri.com)

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