



## Model 136 Mini System Phantom Spec Sheet

- Developed in collaboration with NIST and ISMRM.
- $\varnothing$ 170 mm spherical shell.
- T1 mimics: 14x spheres with NIST-traceable  $\text{NiCl}_2$  solutions from  $\sim$ 20 ms to  $\sim$ 1900 ms.\*
- T2 mimics: 14x spheres with NIST-traceable  $\text{MnCl}_2$  solutions from  $\sim$ 5 ms to  $\sim$ 550 ms.\*
- Proton density (PD) mimics: 14x spheres from 5% to 100%.
- Fiducial markers: 15x  $\varnothing$ 10 mm spheres on 50x50x50 mm (X/Y/Z) grid, accurately positioned to 100  $\mu\text{m}$ .
- Patented ten-element liquid crystal (LC) thermometer, MR-readable, for temperature compensation from 15°C to 24°C.
- Resolution pattern with hole diameters from 0.4 mm to 0.8 mm.
- Slice profile crossed wedges set precisely at 10°.
- Compatible with qCal-MR® QA/QC software.



CaliberMRI provides MRI phantoms with calibration solutions and tissue mimics that have traceability up to and including full SI traceability through NIST when available.

\*Nominal values taken at 3T at 20°C

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