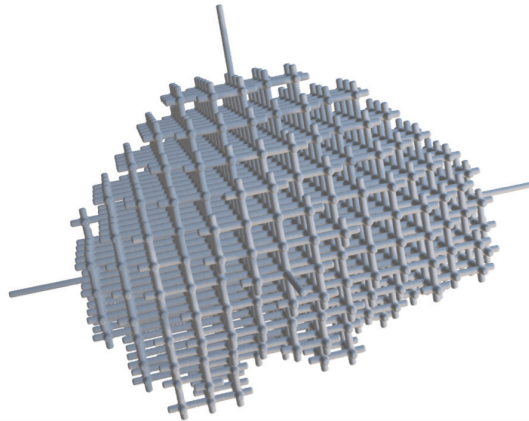


RSD

Radiology Support Devices, Inc.

Multi-Modality Fusion Head Phantom



Product Features & Benefits

Comprehensive Multi-Modality Compatibility: Engineered for precision imaging across MRI, CT, and X-ray modalities

High-Fidelity Anatomical Detail: Realistically simulates human skull and cervical spine with materials replicating trabecular and cortical bone attenuation

Advanced Soft Tissue Simulation: Proprietary aqueous solution mimics soft tissue for lifelike T1, T2, and PD weighted MRI imaging

MR Distortion Evaluation for SRS: Includes an embedded 3D lattice structure within the cranial cavity to assess MRI distortion for Stereotactic Radiosurgery planning

Accurate Image Fusion & Registration: Ideal for verifying deformable image registration and co-registration accuracy across treatment planning systems

Optimized Clinical Workflow: Fits Siemens and GE head coils for seamless integration into routine imaging and QA protocols

VALIDATION OF MRI/CT FUSION IMAGES USING GEOMETRIC DISTORTION MEASUREMENTS

Experience precision imaging assessment with RSD's Multi-Modality Fusion Head Phantom, offering comprehensive evaluations across MRI, CT, and X-ray modalities. Designed to fit perfectly in the Siemens and GE head coil, this cutting-edge anthropomorphic phantom showcases an intricately detailed skull and cervical spine, faithfully replicating the attenuation properties of both trabecular and cortical bone.

Accessories

- Comprehensive Product Manual

Model Number

RSD-MMH: Multi-Modality Fusion Head Phantom