

SENIS MAGNETOMETERS – ENABLING PRECISION IN MEDTECH

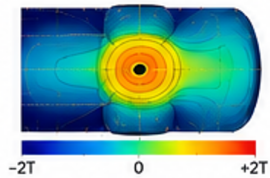
Measuring, testing and characterizing magnets, sensors and magnetic systems for life-changing technologies

SENIS teslameters (3MH6-E, 3MH4, 3MH1-E) provide unmatched accuracy and versatility for development, production and quality assurance in medical applications.

MRI SYSTEMS



Measure and map static and gradient magnetic fields for MRI system optimization, shielding validation and regulatory compliance.

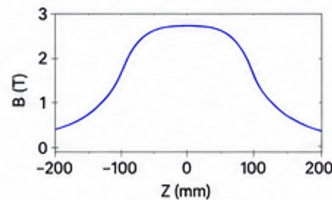


3D magnetic field mapping of MRI magnet

SUPERCONDUCTING MAGNETS



Characterize high-field superconducting magnets for research, NMR, and advanced medical imaging applications.



Axial field profile measurement

WEARABLE DEVICES & BIOSENSORS



Test and calibrate miniature magnets and magnetic sensors used in wearables, health trackers and biosensing devices.



3MH1-E for high-resolution small magnet measurement

IMPLANTABLE HEART PUMPS

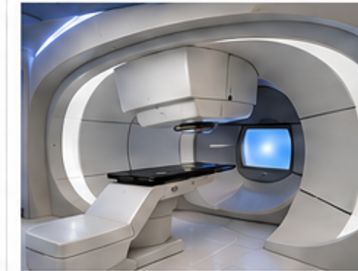


Ensure safety and performance of magnetic components in implantable and extracorporeal heart pumps and circulatory support systems.

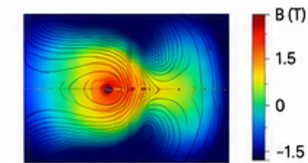


Magnetic field measurement for heart pump components

PROTON THERAPY SYSTEMS



Verify and map magnetic fields in beam steering and delivery systems for precise dose control and patient safety.



Field mapping of beam steering magnet

MAGNETIC SENSOR & SYSTEM TESTING



Evaluate the performance of magnetic sensors, positioning systems and magnetic assemblies in medical instruments.



3-axis field measurement for sensor characterization

SENIS TESLAMETERS – BUILT FOR PRECISION

- Wide dynamic range: from nT to several T
- High accuracy and resolution
- Isotropic 3-axis measurement
- Fast data acquisition & real-time output
- Robust, reliable and easy to integrate



3MH6-E

High-end 3-axis teslameter for research & demanding applications



3MH4

Versatile 3-axis teslameter for lab, production & quality control



3MH1-E

Compact 3-axis teslameter for small magnets & sensors

TRUSTED BY MEDTECH INNOVATORS

SENIS magnetometers are used worldwide by leading medical device manufacturers, research institutes and hospitals to ensure performance, safety and compliance of magnetic technologies.



SENIS
magnetic & current measurement

www.senis.swiss 

Precision magnetic measurement for a healthier tomorrow.