

CUSTOMER REFERENCE

SENIS
magnetic & current measurement

SENIS AG, Switzerland develops, manufactures and supplies advanced sensors and instruments for magnetic field and electric current measurement as well as the corresponding development and engineering services. Our solutions and services help our clients in the automotive, consumer electronics, test and measurement industries, as well as to research institutes to create powerful, robust and effective products.

SENIS® Magnetic Field Mapper MMS-1X-RS installed at Magnet-Physik Laboratory is a high-end magnetic field scanner that can be applied for mapping of all three components of DC or AC magnetic field. It can be used at customers in the R&D and as a quality assessment tool in production lines for accurate 3D mapping of permanent magnets.

SENIS: "Customers like our product for two reasons; the first one is that SENIS Mappers can measure all three components of magnetic field with unprecedented accuracy and repeatability very close to the magnet surface and in small gaps. The second reason is that our mapper software is very user-friendly and offers different types of analysis, with different types of data visualisation."

www.senis.ch

All you need for magnetics
MAGNET-PHYSIK
Dr. Steingroever GmbH



SENIS' technology partner, Magnet-Physik Dr. Steingroever GmbH (www.magnet-physik.de) is an expert in magnetizing technology and measurement techniques, accredited through Germany's national accreditation body DakKS.

In their measurement and test laboratory, Magnet-Physik applies the SENIS Magnetic Field Mapper for testing of permanent magnets:

- Measurement of flux density at an encoder (Radial or Axial)
- Measurement of field distribution on the surface of a rotor
- Measurement of X,Y und Z component of a sensor magnet
- Evaluation of homogeneity of magnetized magnet material
- Evaluation of field distribution (pitch error, amplitude, offset, etc.)