

# 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.

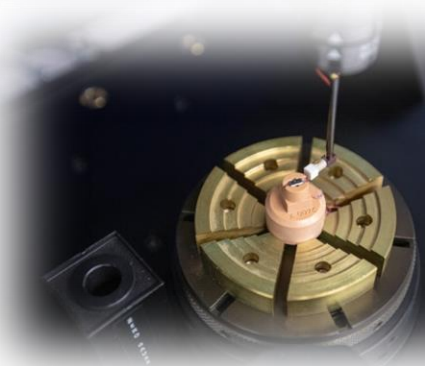
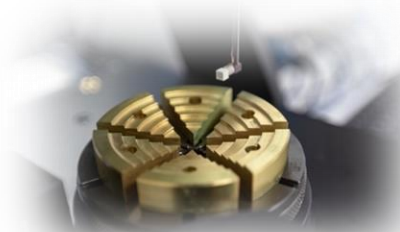
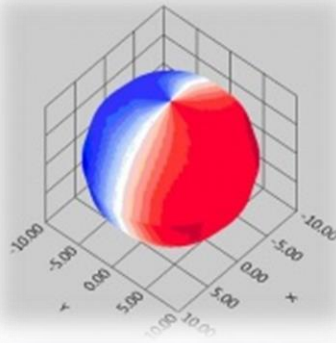
**SENIS® Magnetic Field Mapper MMS-1X-RS** installed at Sonion is a high-end magnetic field scanner that can be applied for mapping of all three components of AC magnetic field. The integrated inductive probes (pick-up coils) are specially designed, developed and configured together with Sonion. This customized system is used for R&D and product quality control.

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](http://www.senis.ch)

**SONION**



Sonion Nederland BV ([www.sonion.com](http://www.sonion.com)) applies **SENIS inductive probes** for 3D mapping of very small magnetic field of electromagnets, i.e. down to **100pT** AC fields from less than 100Hz up to hundreds kHz. Those probes are integrated in **Magnetic Field Mapper** for characterizing of inductive coils integrated in Sonion audio system and hearing instruments.

Reference: Mr. E. Vos, [evo@sonion.com](mailto:evo@sonion.com)