

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® 3MTS is an easy-to-use handheld Teslameter/Gaussmeter to measure all 3 magnetic field components simultaneously within a very small a volume. In 3MTS-1 the 3-axis Hall probe is mounted in a thin, robust carbon-fiber holder attached to the electronic module. In 3MTS-2 the small 3-axis hall probe is connected with a flexible cable to the electronic module.

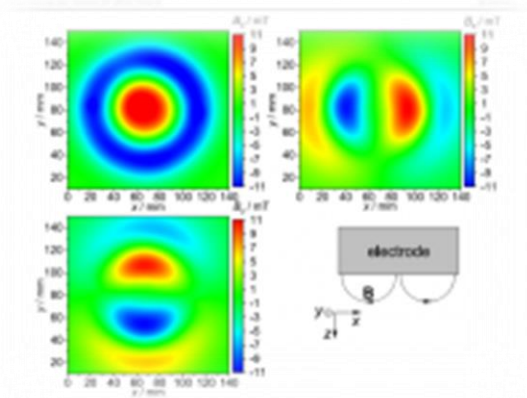
SENIS: "Customers like our product for two reasons; the first one is that SENIS Mappers can measure all three components of magnetic field with unprecedented accuracy and repeatability very close to the magnet surface and in small gaps. The second reason is that our mapper software is very user-friendly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

www.senis.ch



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Several Universities worldwide use SENIS USB Handheld teslameter 3MTS for their research and development.

At the **University of Ruhr**, Germany, the **SENIS 3MTS** was applied for an experimental investigation of the magnetic asymmetry effect in capacitively coupled radio frequency plasmas. A magnetic field, with the amplitude exponentially decreasing as a function of distance was measured.

Paper Download: <http://iopscience.iop.org/article/10.1088/1361-6595/aae199>

Mr. Y. Lefevre, CNRS researcher and Mr. D. Harribey, CNRS engineer at **LAPLACE** a laboratory of the **University of Toulouse**, France, say: "The 3MTS is very nice and efficient and very easy to