

CUSTOMER REFERENCE

SENIS
magnetic & current measurement

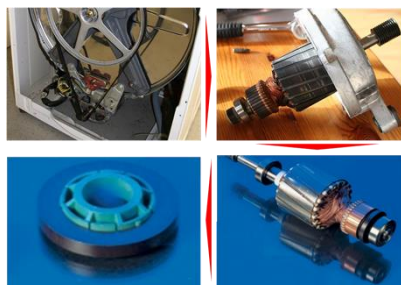
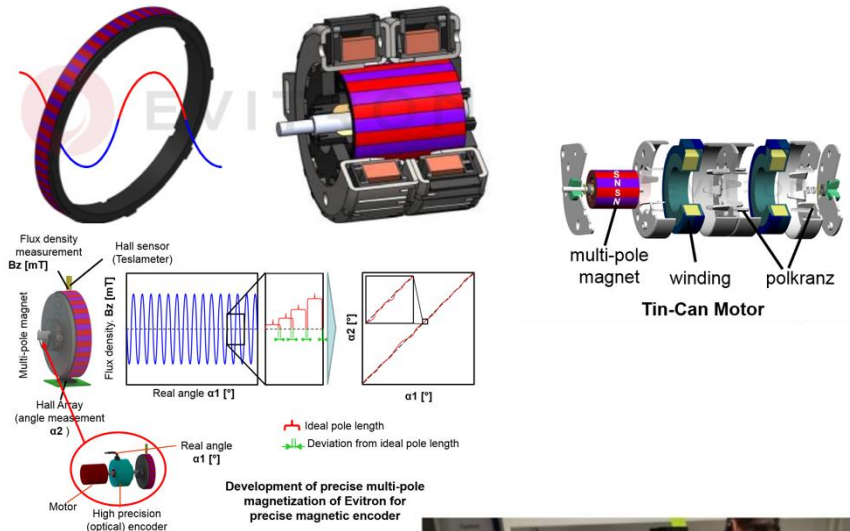
SENIS AG, Switzerland develops, manufactures and supplies advanced sensors and instruments for magnetic field and electric current measurement as well as the corresponding development and engineering services.

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-2A-ROT installed at Evitron allows users to perform a fast, high resolution mapping of magnetic field around a cylindrical-form permanent magnets, such as rotors, disk and ring magnets, both radially and axially magnetized. The map of the magnetic field can be presented as color coded 1D, 2D or 3D display on a PC screen and as a table of numerical values of the magnetic field.

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



Evitron sp. (www.evitron.eu) manufactures polymer permanent magnets for sensor systems, which are an important part used in automotive and medicine. Evitron implements small, medium and large-scale production orders and helps their customers in the development of products that are still at the design stage. They carry out magnetic simulations, Research and Development works, create models, prototypes and make pilot series and injection tools.

Evitron applies the **SENIS Magnetic Field Mapping Systems** for the quality control and R&D of their magnets. "It is used for measuring of the distribution of the flux density of rotors and encoders. The advantage of the SENIS mapper is the high measurement accuracy. The SENIS mapper is the most used device in automotive industry for magnetic flux density measurement." says **Dr.-Ing. Aleksander Gardocki of Evitron.**