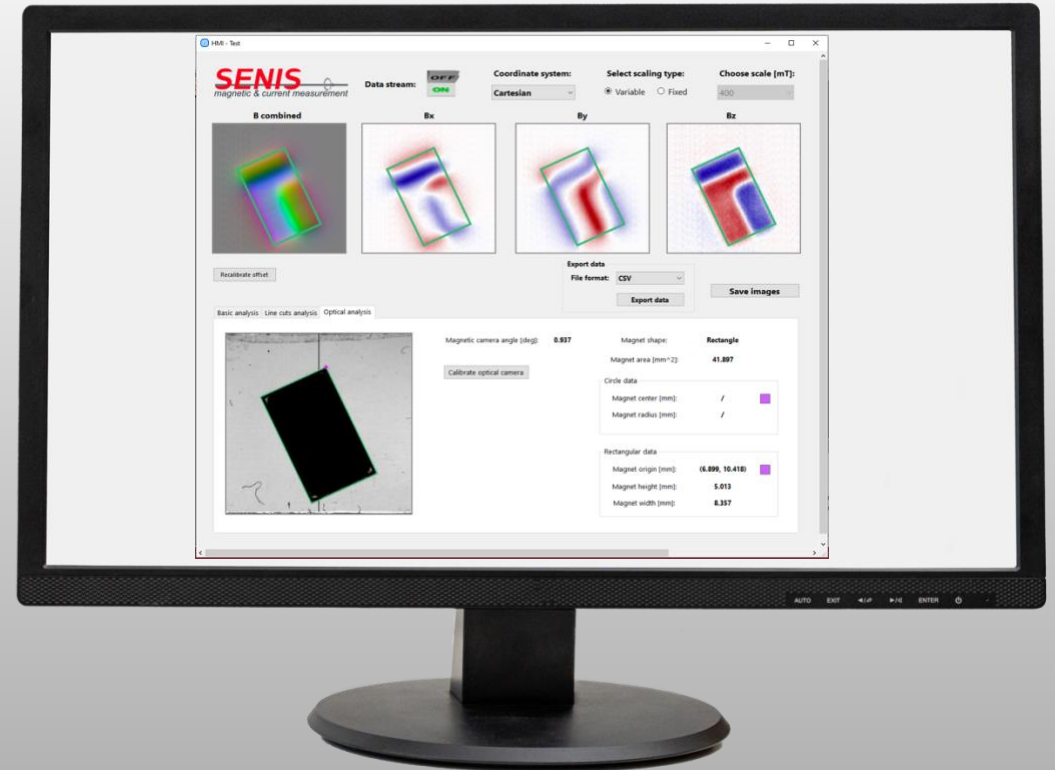


FAST
ACCURATE
RELIABLE



SEN-3D-CAM-OPT
World's first true 3D Magnetic Camera.
The first of its kind.

SEN-3D-CAM-OPT

TRUE high-resolution and high-speed 3D magnetic camera in combination with an optical camera.

DESCRIPTION:

SEN-3D-CAM-OPT is a proprietary application for both, in-line, and off-line inspection of magnets. It allows to accurately relate the outer shape of the measured sample to its magnetic properties. The software accurately and automatically finds the object shape and size. The measured values are available in the software and the measured shape is superimposed on the visualization of the magnetic field distribution of a sample under test. It directly transfers the measured data what makes it compatible with industrial-standard computers and systems and gives the possibility of automated sample qualification.

SEN-3D-CAM-OPT is a combination of SENIS true 3D magnetic camera and accessories to allow to measure objects like never before.

- **SEN-3D-CAM** - World's First True 3D Magnetic Field Camera. It simultaneously measures all three magnetic field components (Bx, By, Bz) using Senis proprietary 3D Hall technology. The camera provides comprehensive and accurate pictures of magnetic fields in three dimensions.
- **SEN-3D-MECH** - precise mechanical holder that allows the user to accurately and repeatably position the samples using referent corner.
- **SEN-3D-SPDR** - precise designed holder for optical camera that supports the accuracy of the optical measurement
- **SEN-3D-OPT** - high-resolution optical camera integrated with the specialistic lens for accurate optical measurement of the sample.
- **SEN-3D-SW** - SENIS 2D Vision Commander Software is available for magnetic image analysis, allowing for advanced magnetic data processing and interpretation. The software relates the outer shape of the object to the measured magnetic field distribution.
- **SEN-3D-IND-PC** – industrial computer for operating with SENIS SEN-3D-CAM. Compatible with industrial standards and protocols. PLC interfaces: 16x DI, 16x DO (isolated), 1x COM RS 232/422/485 (isolated), 3x COM RS 232/422/485, 2x EtherCAT or 2x PROFINET or 2x EtherNet/IP. Interfaces: 4x USB 3.0, 3x GigE LAN with 2 PoE+, DVI-I, DVI-D dual HD displays up to 1920 x 1200 @ 60 Hz

All elements of the **SEN-3D-CAM-OPT** are available separately.

You can build your own application using our outstanding SEN-3D-CAM, the world's first true 3D magnetic camera.

We are ready to help you with your next measurement challenge.