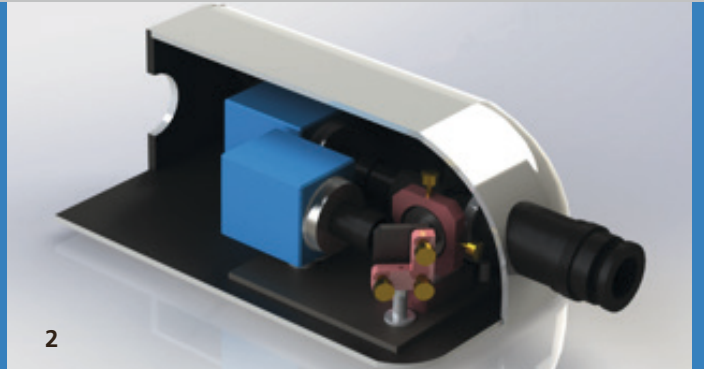


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1 Close-up of system for imaging fluorescence-magnetic beads.

2 CAD-rendering of custom imaging system.

FLUORESCENCE IMAGING SOLUTIONS

Background

State of the art fluorescence imaging applications in the life sciences demand solutions with high performance requirements in terms of sensitivity, multiple fluorophore detection, speed, resolution, and many other parameters including cost. We offer custom automated fluorescence imaging solutions to address these demands by optimizing the performance characteristics tailored to specific applications.

Our Team

Our expert team consists of physicists, engineers and computer scientists with a strong background in life science imaging. Imaging expertise is ranging from cell biology and bioprocesses to in-vivo (pre-)clinical applications, using a variety of microscopic and macroscopic methods. The team can analyze complex imaging problems, provide solutions, and design and build automated fluorescence imaging systems for applications in medicine and biotechnology.

Our Services

To our customers in biotechnology, pharma industry, and R&D institutions we offer:

- Fully automated solutions
- Multi-detector systems
- Spectrally configurable illumination systems
- Filter design and selection
- Multispectral fluorescence imaging
- Real-time image acquisition and image processing
- Consulting services

Complete solutions

Our custom solutions benefit from in-house expertise in

- sample processing
- magnetic bead technologies
- liquid handling
- micro-mechatronics
- embedded control systems
- process automation
- rapid prototyping

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