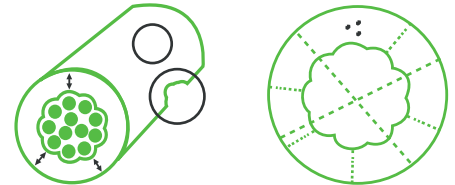


Material testing / Layer thickness measurement

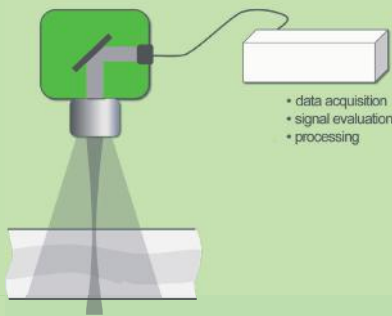
non-destructive

Optical Cross-Sectional Imaging System

- Testing for quality assurance
- Test characterization (surface inspection, geometrical measurement)
- **Conventional process:**
Random, time-consuming inspection



Innovative solution approach



- Fiber-optic sensors
- Interferometric analysis of backscattered light
- Fast point, line or area measurements up to 75 kHz
- Axial measurement range: up to 10 mm, lateral up to 40 mm
- Detection of structures and layers of semi-transparent materials
- Direct evaluation via software interface

Opportunities:

Complete laboratory test bench for 360° measurement

INLINE Measurement (Rotating sensor, multiple sensors for 360° measurement)

Your benefits



- Nondestructive and contactless measurement
- Individual sensor solutions for your measurement application
- Imaging, analysis & data handling: all from just one source
- Robust design combined with industrial hardware and software interfaces
- Automated test benches for your standardized quality assurance

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