

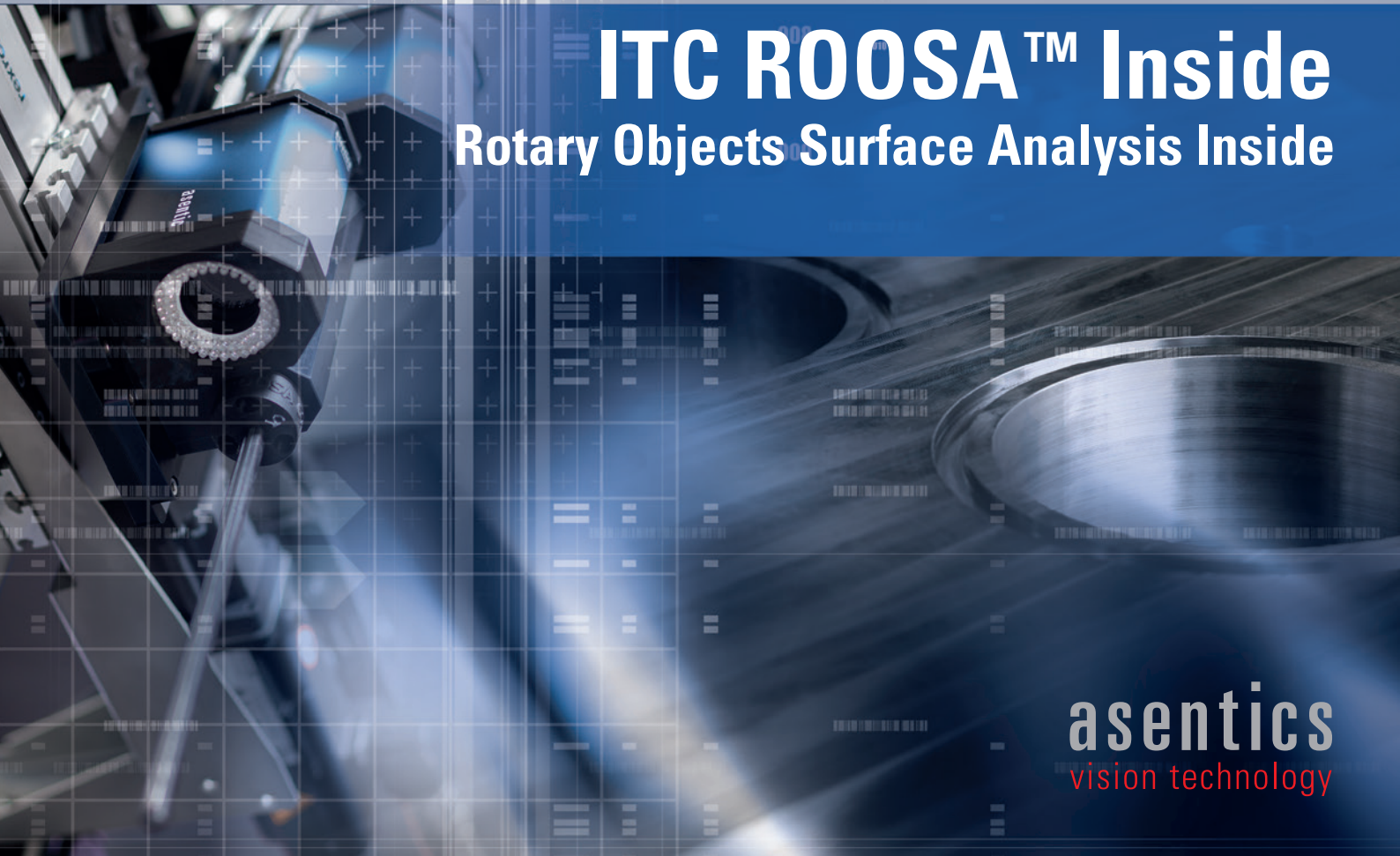
Fact Sheet

asentics



ITC ROOSA™ Inside

Rotary Objects Surface Analysis Inside



asentics
vision technology

ITC ROOSA™ Inside Integrated Test Cell Rotary Objects Surface Analysis Inside

Surface inspection of cavities

Cavities are a real challenge for image processing due to the unfavourable illumination and limited space conditions. Perfect coordination of optics, precise parts handling and sophisticated lighting are both a challenge and a requirement for achieving excellent image processing results.

The ITC ROOSA™ Inside is the complete system and the all-round solution when it comes to inspecting cavities. The special endoscope optics „made by asentics“ allows the beam paths of camera and illumination to be folded in a way that even the smallest surface defects such as blowholes or scratches are detected. Highly precise and reliable – even in seemingly impossible places.

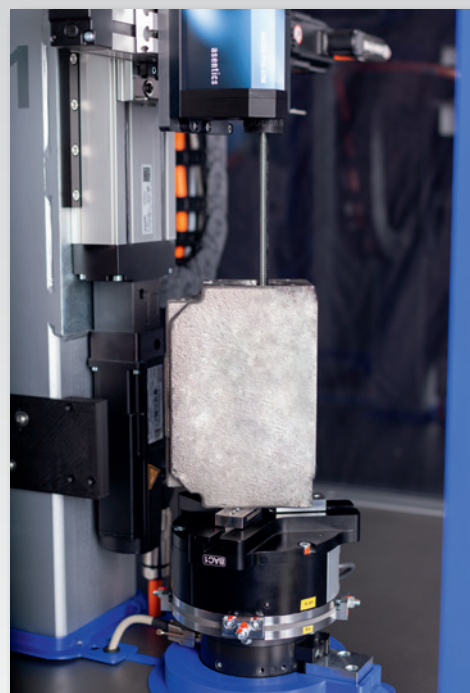
The test cell can be operated autonomously or easily integrated into existing production lines, e.g. in cooperation with a robot.

Features and benefits at a glance

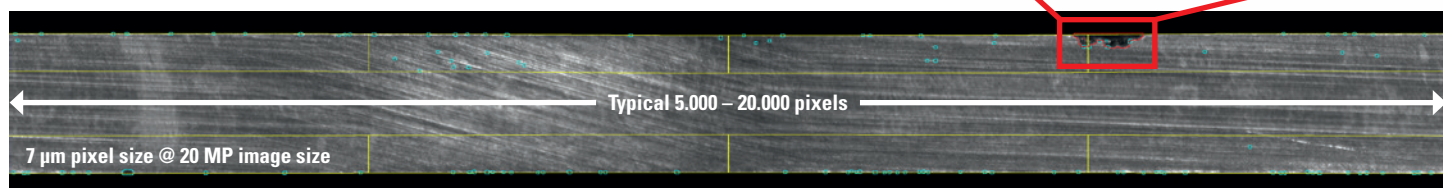
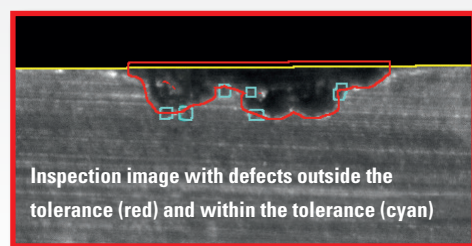
- 100% inspection of cavities thanks to ASENTICS endoscope optics
- Reliable detection of surface defects
- Dimension control
- Resistant to process-related brightness fluctuations
- Wide selection of endoscopes
- Quick and easy set-up of new specimen thanks to user friendly software
- Extensive statistics function
- Interface for connection to databases and ERP systems
- Can be operated autonomously or integrated into existing production lines
- Integrated remote service interface



ROOSA™ Inside with endoscope



Surface inspection of a drilling



asentics
vision technology