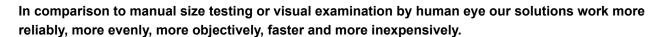


QUALITY

# Strong solutions for demanding tasks

### **Your introduction to Industry 4.0**

Companies, including those in the quality management sector, are faced with particular challenges in the age of Industry 4.0. Industrial image processing systems carry out reliable controlling in assembly and manufacture. This puts you in a position to also control complex products, components or assemblies with quite different characteristics quickly and without errors..





# That's what our industrial image processing systems do:

- Size testing
- Surface inspection
- ✓ Checks on presence/completeness
- ✓ 3D examination
- ✓ OCR examination (optical character recognition)
- ✓ Robot-led optical examination and inspection
- Automated, optical end-of-line examination and documentation stations
- Customer-specific tests of all kinds
- ✓ NEW! Optical Tests using artificial intelligence

### Your benefits:

- 100% quality and 0 errors through automated control
- Cost reduction
   through less personnel
   and earlier reworking in
   the production process
- Shorter lead times because of fewer errors and more automation
- Cognitive alleviation of employees
- Better decisions
   through automatic
   documentationand provision
   on the Internet
- High level of efficiency: typical return of investment is 1-2 years



#### Strong solutions for demanding tasks

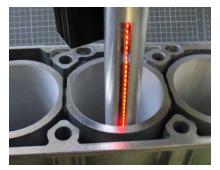
#### **Our services:**

- + Selection of suitable components
- + Integration of vision sensors and programming
- + Design, construction and delivery of testing machines and test cells

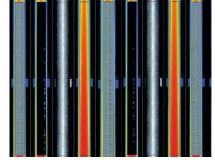
- + Analysis and optimisation of your image processing
- + Design and integration of vision systems (Smart Camera Solutions and PC-supported)
- + Consulting and Engineering



Toothbrush handles



Cylinders



3D surface inspection of pipes

## **Everything from a single source**

Thanks to our integration into the **Pütz Group** and the resulting **synergy effects** we are able to offer you solutions beyond simple image processing: from camera integration through the test cell to a complete automation solution.

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