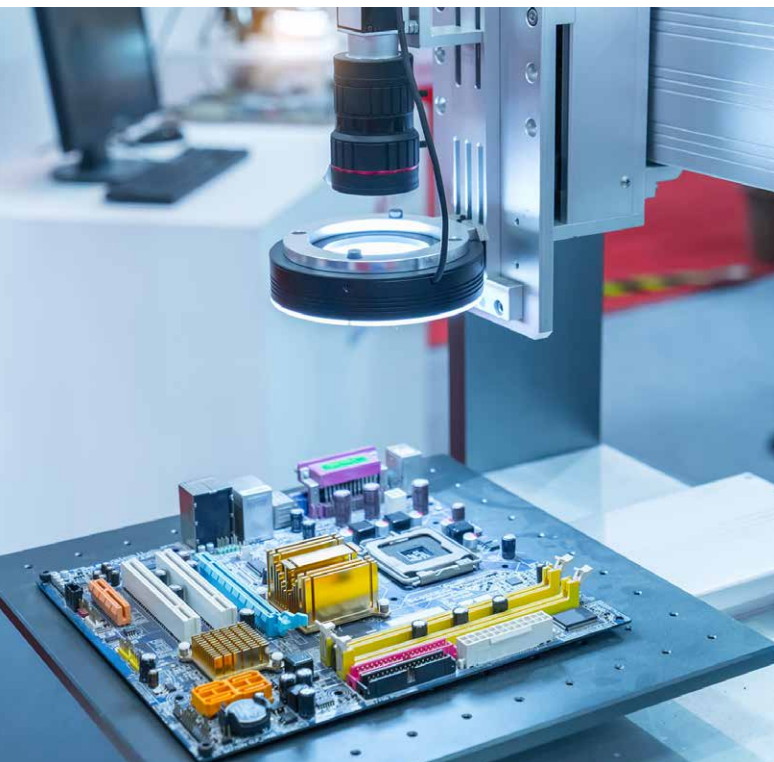


STRONG SOLUTIONS FOR DEMANDING TASKS

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.

In comparison to manual size testing or visual examination by human eye our solutions work more reliably, more evenly, more objectively, faster and more inexpensively.



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 benefit:

- + **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 documentation and 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

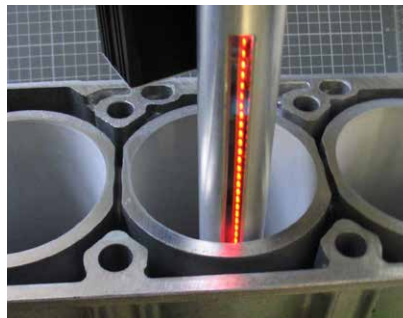
+ Analysis and optimisation of your image processing

+ design and integration of vision systems
[Smart Camera Solutions and PC-supported]

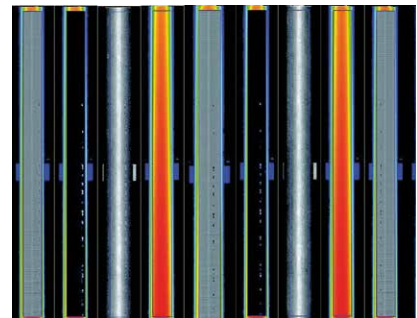
+ Consulting and Engineering



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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