

Optical tests using artificial intelligence

The highest test performance and lowest follow-up costs thanks to self-learning test systems

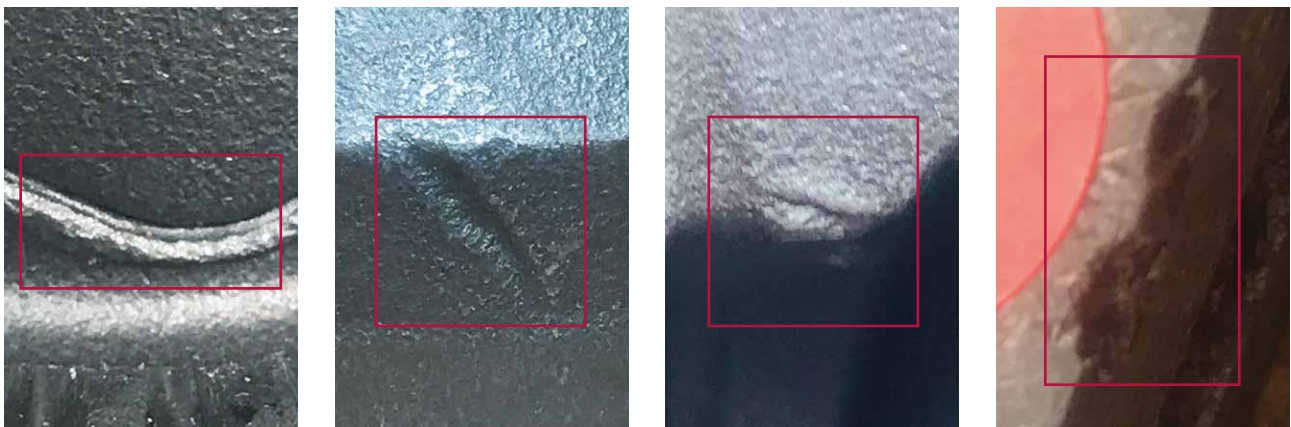


Does this sound familiar?

You have invested in a new optical testing facility. Over time, more and more new test characteristics or component types are added. Since all of these require new programming, you then need to employ image processing specialists and additional specialist personnel. The resulting follow-up costs are immense! Another unnecessary cost driver is that the false rejection rate for complex tests and components is often higher than expected.

Our self-learning optical test system shields you from this: You will need neither expensive image processing specialists nor additional specialist personnel to extend your range of component types. Existing production staff can teach the system new test characteristics and component types simply and intuitively, without any prior knowledge. Minimal false rejection rates are guaranteed!

Automatic defect recognition using artificial intelligence:



Applications:

- + **All defects visible to the human eye:**
Defects, dents, grooves or scratches on various (including structured) surfaces
- + **Statistical evaluation of the test results**
for every test characteristic over freely selectable periods
- + **Storage and analysis**

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Our service:

+ Image processing systems

+ Engineering adaptations

+ Complete test cells with NOK ejection

+ Robot integration

Depending on your needs, we will supply you with only the test system or the complete testing facility from a single source.



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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