

# AI-based defect classification

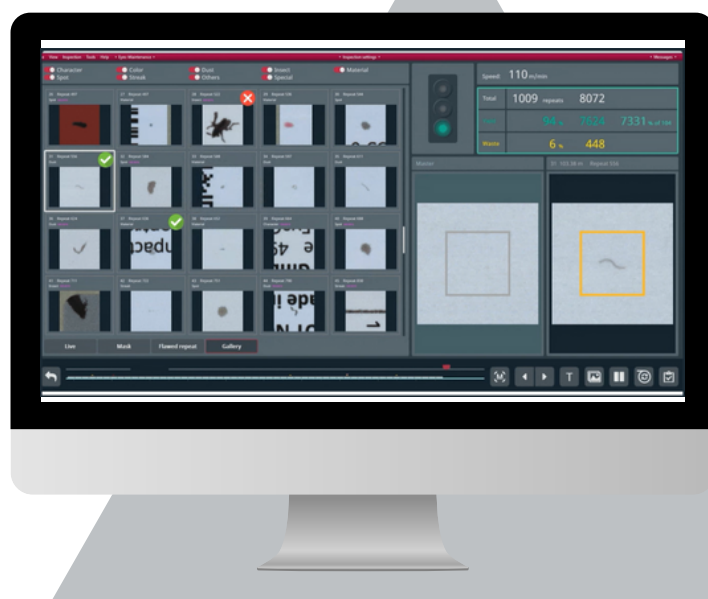
The key to greater efficiency, sustainability and quality

**Check more intelligently - recognize relevant faults, eliminate causes in a targeted manner.**

If every small deviation requires intervention, efficiency and productivity suffer. EyeC's AI-supported defect classification significantly reduces false alarms, detects relevant quality defects at an early stage and provides targeted information on the cause of the defect. Based on thousands of learned examples, the system independently distinguishes between different deviations and classifies them into corresponding categories.

The result: unnecessary alarms are avoided, manual inspection efforts are reduced and downtimes are effectively avoided by only reacting to critical faults.

An intelligent solution for companies that want to combine high quality standards with cost-effective production.



## Key benefits

- More precise defect identification than traditional methods
- Pre-trained with thousands of real test data for maximum detection performance - the solution can be used productively from day 1.
- Automatic defect classification by differentiating between relevant defects and irrelevant deviations.
- Implement corrective measures faster and more reliably - which reduces waste.
- No manual rechecks, more efficiency in the production process.
- Operators have more time for their main tasks on the press.
- Seamless integration into existing EyeC systems.
- Data is protected, compliant, and validated.

## How it works

- The EyeC System operates as usual.
- EyeC AI analyzes print image deviations.
- Customer classifies whether an error is critical, irrelevant or tolerable.
- Only relevant errors are reported.

## For which applications?

- Labels
- Package inserts
- Folding cartons
- For recycled materials and regulated industries.



## Perfect print quality starts with us.

Discover our comprehensive solutions - we  
we will be happy to advise you.

**[www.EyeC.com](http://www.EyeC.com)**

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