



100% print inspection
of the full board size



Increasing the saleable
quantity and avoiding waste



Defect detection is adapted to
the needs of the digital workflow

DigiSTAR S

Print inspection for digitally printed
corrugated boards (post-print production)



ISRA
VISION
Part of Atlas Copco Group

ABOUT DigiSTAR S

Meet DigiSTAR S, the specialized inspection system crafted for digitally printed corrugated boards. DigiSTAR S excels in navigating the uneven surface of corrugated boards, differentiating between genuine defects and false alarms caused by surface irregularities. It boasts a comprehensive defect detection capability, identifying register misalignments, missing prints, splashes, contamination, color variations, nozzle streaks, and the elusive banding, common in digital printing. Its advanced defect classification allows for the differentiation between severe defects and those deemed tolerable, enabling the sale of products with minor flaws. Sheets with severe defects can be ejected, ensuring they are removed from further production processes and can be efficiently reintegrated into the circular production flow of corrugated material. With DigiSTAR S, manufacturers can uphold stringent quality standards while optimizing efficiency.

KEY FEATURES

- Substrate compensation to avoid false alarms due to pseudo defects
- Comparison of the expected print image with the verified PDF-file
- Defect classification tools
- Readability check of barcodes and QR codes
- Comprehensive reporting tools
- Ejection of defective boards possible

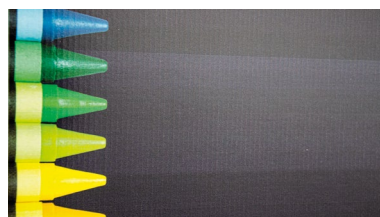
APPLICATIONS

Corrugated packaging with digitally printed decoration

TYPICAL DEFECTS



Nozzle streaks



Banding