nScan – High-Performance AI Scanner

for optical quality control of web- and flatware

Highlights

Surface Quality Inspection

Process reliable detection of surface defects

High-Performance Hardware

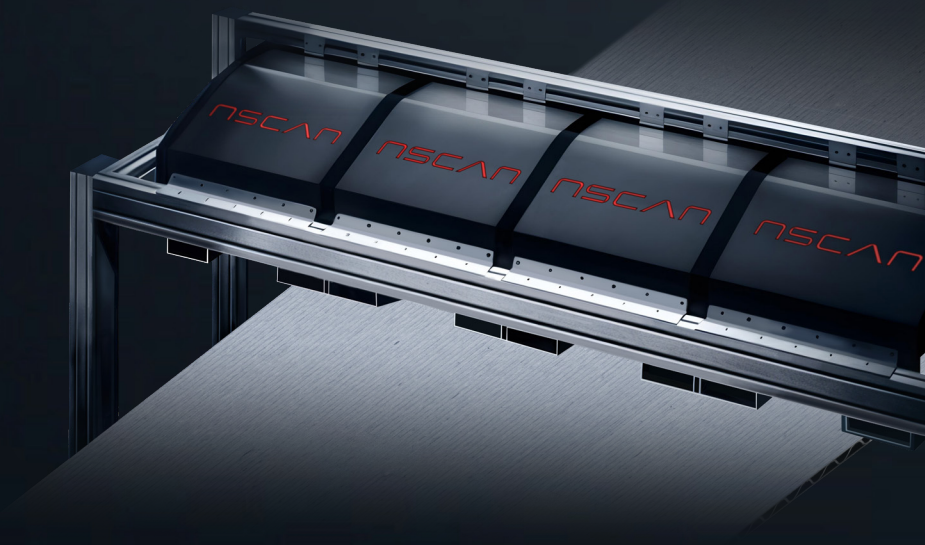
Real time detection at high production speeds

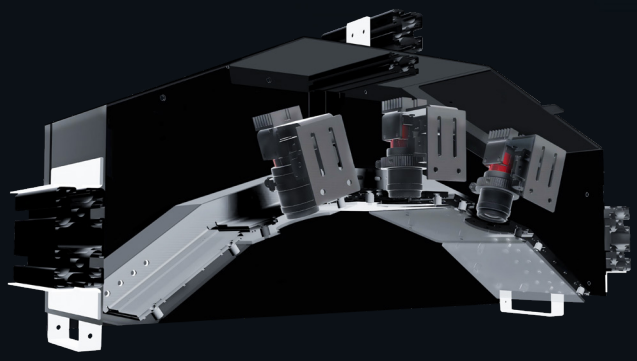
Cutting-Edge AI Software

No cloud connection required for fast and secure data processing

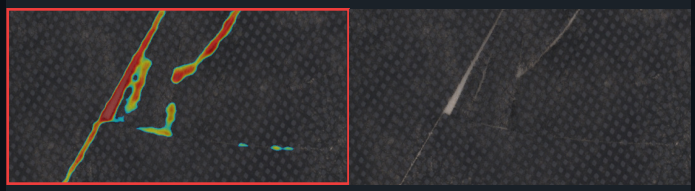
User Friendly – Teach and Go

Few minutes to teach-in the product features by using a master sample





Anomaly Detection



Detection of complex defect types:
cracks, holes, contaminations, adhesions, residues, cuts, deformations etc.

OCR | Font



Markings, codes, letterings or serial numbers

Classification



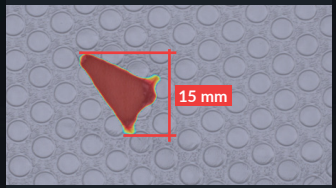
Classification of occurring defects

Color Detection



Monochrome, multicolor or color gradients

Mask | Size



Position & dimension detection

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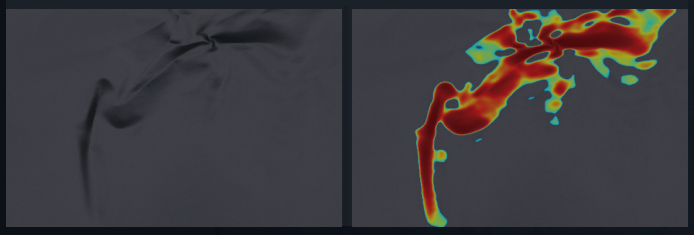
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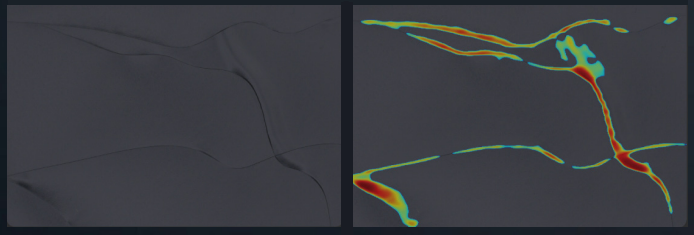
The Right Solution for Any Application

versatile and suitable for all kinds of surfaces

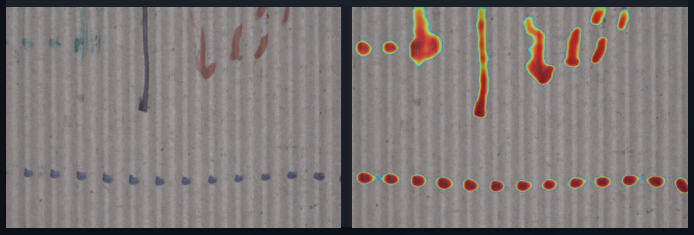
Adhesive foil



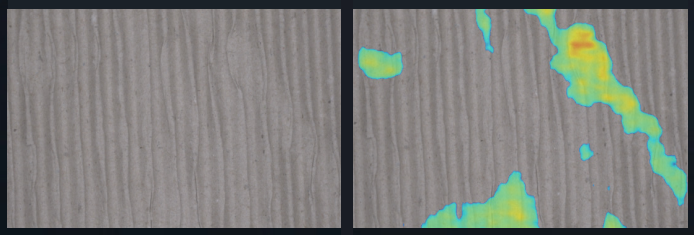
Non-woven



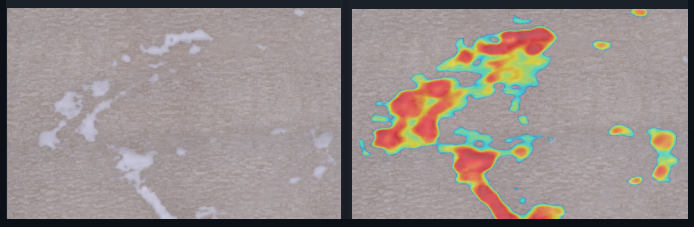
Corrugated board



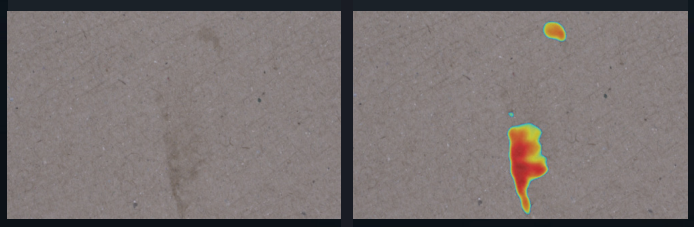
Corrugated board



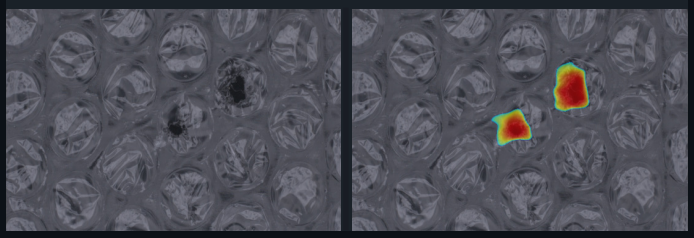
Foam film



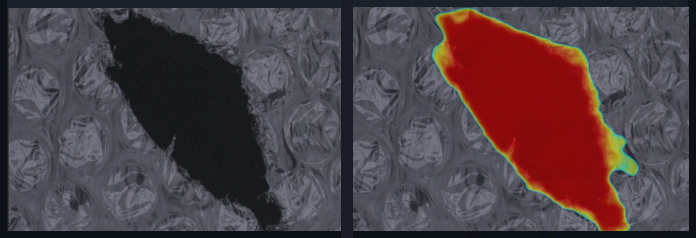
Paper wrapping



Bubble wrap



Bubble wrap



Key Features

All-in-one Device
Single source soft- & hardware, simple & seamless integration, even in existing system concepts

Modular Design
Modular scanning setup, inspection of surface on both sides possible

Optimal Lighting
Structured light for perfect illumination of the product surface

100% Coverage
Seamless check of product surface during running production

Low Maintenance
Minimal cleaning and maintenance effort

Ready for Use 24/7
Consistently operational system

Seamless Connectivity
Profibus, Profinet, OPC UA

Made in Germany
Engineered and manufactured in Munich

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