nLine – AI-Supported Inline Quality Control

for extruded and other cylindrical products



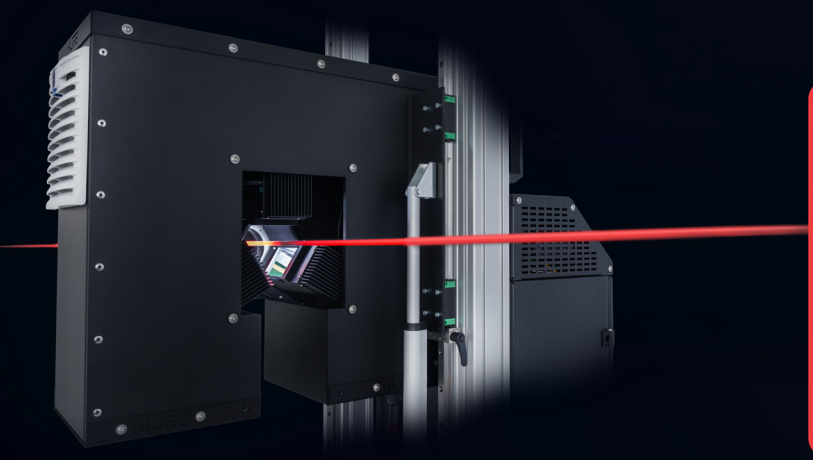
Highlights

Surface Quality Inspection
360° analysis of potential quality defects on the entire surface

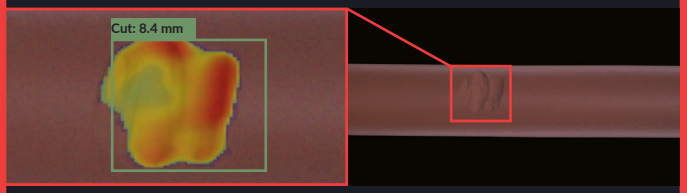
High-Performance Hardware
Real time detection at high production speeds

Cutting-Edge AI Software
No cloud connection required; fast and secure data processing

User Friendly – Teach and Go
Teach the system in minutes with master samples

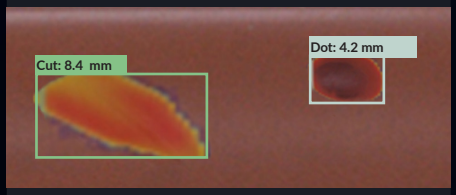


Anomaly Detection



Detect complex defects:
Breaks, cracks, cuts, holes, dents, pimples, deformations, inclusions, pits, etc.

Classification



Classify defects by type

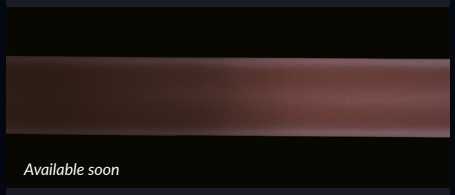
OCR | Font



Available soon

Marking, codes, lettering, serial numbers

Color Detection



Available soon

Ensure color consistency

Contact
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The Right Solution for Any Application

versatile and suitable for all kinds of surfaces and products

nLine S (*S+*)

Product diameter:	0,5 – 2,0 mm *0,5 – 6,0 mm*
Product speed:	300 m/min. *150 m/min.*

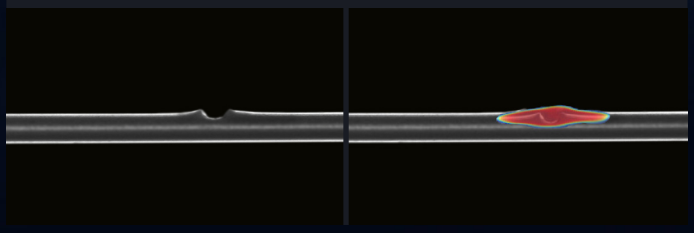
nLine M (*M+*)

Product diameter:	2,0 – 30 mm *10 – 50 mm*
Product speed:	500 m/min. *200 m/min.*

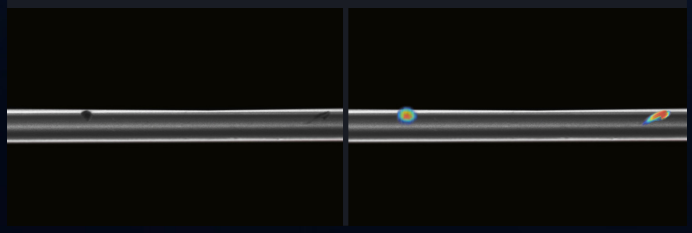
nLine L

Product diameter:	30 – 165 mm
Product speed:	100 m/min.

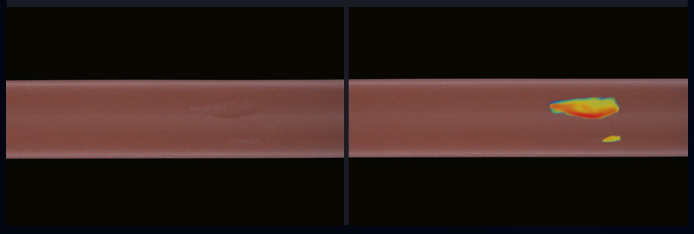
Wire



Wire



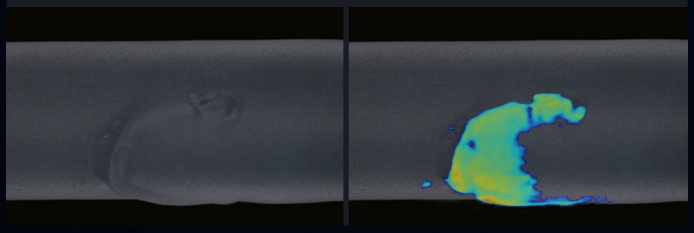
Cable



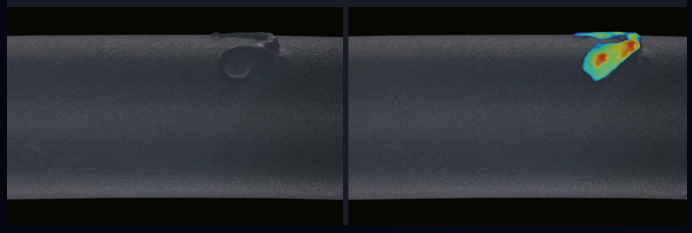
Cable



Hose



Hose



Key Features

All-in-one Device
Software and hardware from a single source; seamless integration into existing quality control processes

Non-Contact Measurement
No damage or impact to the product

Ready for Use 24/7
Consistently operating system

100% Coverage
Seamless check of product surface during production runs

Low Maintenance
Minimal cleaning and maintenance required

Controllability
Via built-in touchscreen, network integration or industrial interface

IO/Interfaces
PROFIBUS, PROFINET, OPC UA

Made in Germany
Engineered and manufactured in Munich

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