nLine

nLine – AI-Supported 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
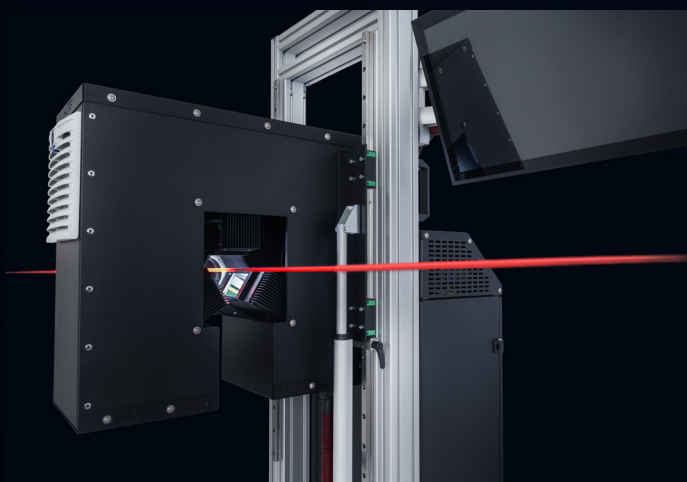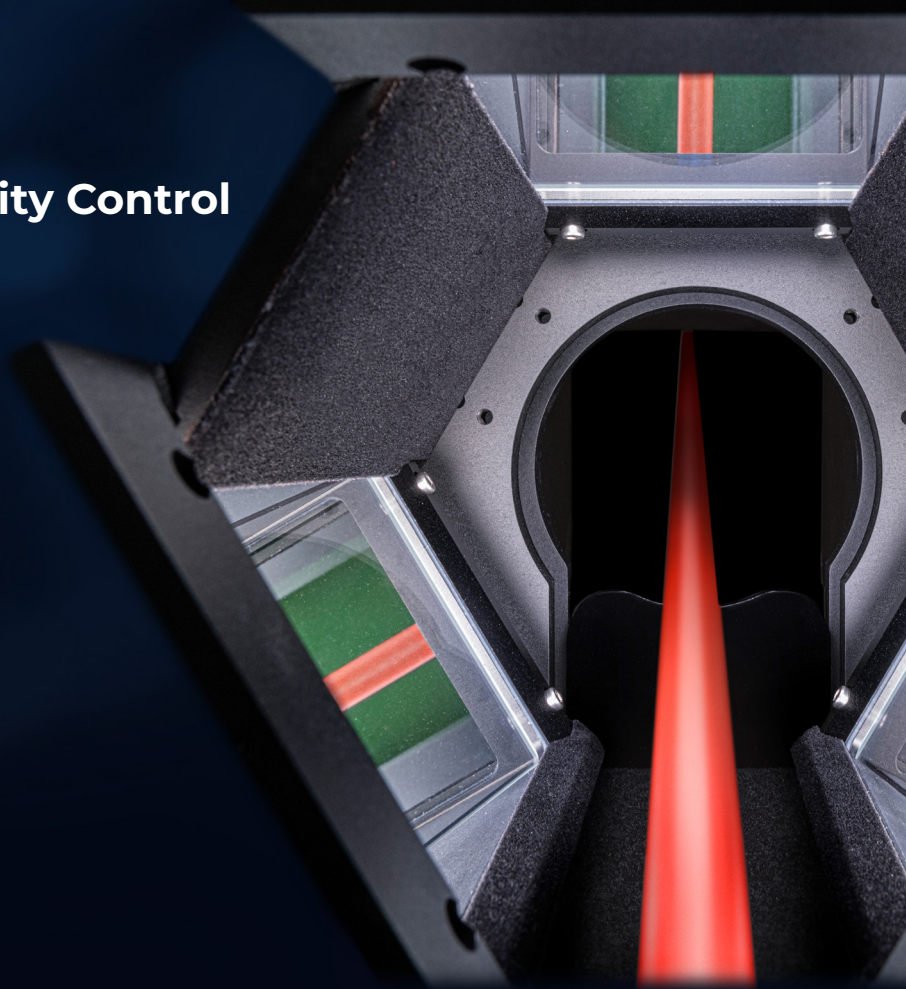Real time detection at high production speeds

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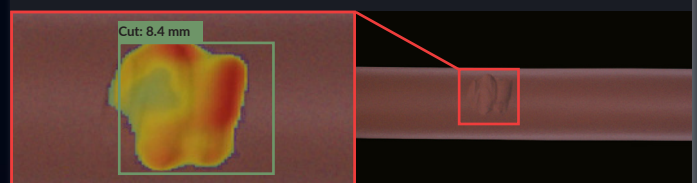No cloud connection required; fast and secure data processing

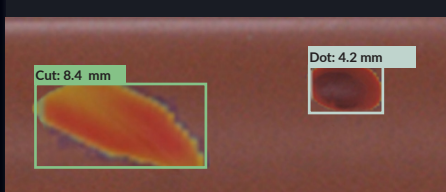**User Friendly – Teach and Go**
Teach the system in minutes with master samples

Anomaly Detection

Cut: 8.4 mm

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

Classification

Cut: 8.4 mm
Dot: 4.2 mm

Classify defects by type

OCR | Font

NLINE POWERED

Available soon

Marking, codes, lettering, serial numbers

Color Detection

Available soon

Ensure color consistency

Contact

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nLine

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The Right Solution for Any Application

versatile and suitable for all kinds of surfaces

nLine S	
Product diameter:	0.020 – 0.079 in *0,5 – 2,0 mm*
Product speed:	984 ft/min. *300 m/min.*

nLine M	
Product diameter:	0.079 – 1.18 in *2,0 – 30 mm*
Product speed:	1,640 ft/min. *500 m/min.*

nLine L	
Product diameter:	1.18 – 6.50 in *30 – 165 mm*
Product speed:	328 ft/min. *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

nLine