

INTRAVIS

VISION SYSTEMS



Scott Heins

Director of Sales & Marketing,
Intravis Inc.

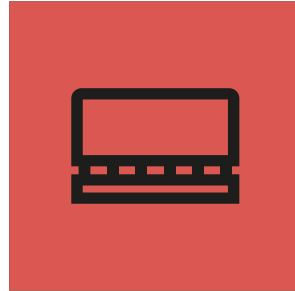
Our **inspection solutions** at NPE



Preforms



Labels & Decoration



Caps & Closures

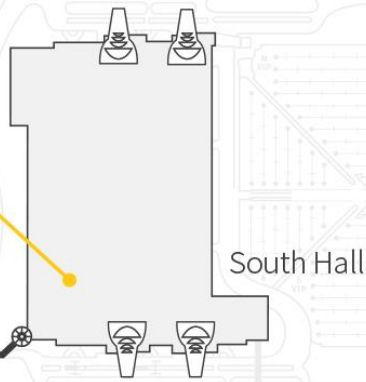


Bottles & Containers

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**LABELWATCHER 360°
& SPOTWATCHER**
South Hall S15063



South Hall

West Hall



CAPWATCHER Q-LINE
West Hall W223



IMLWATCHER
West Hall W1601



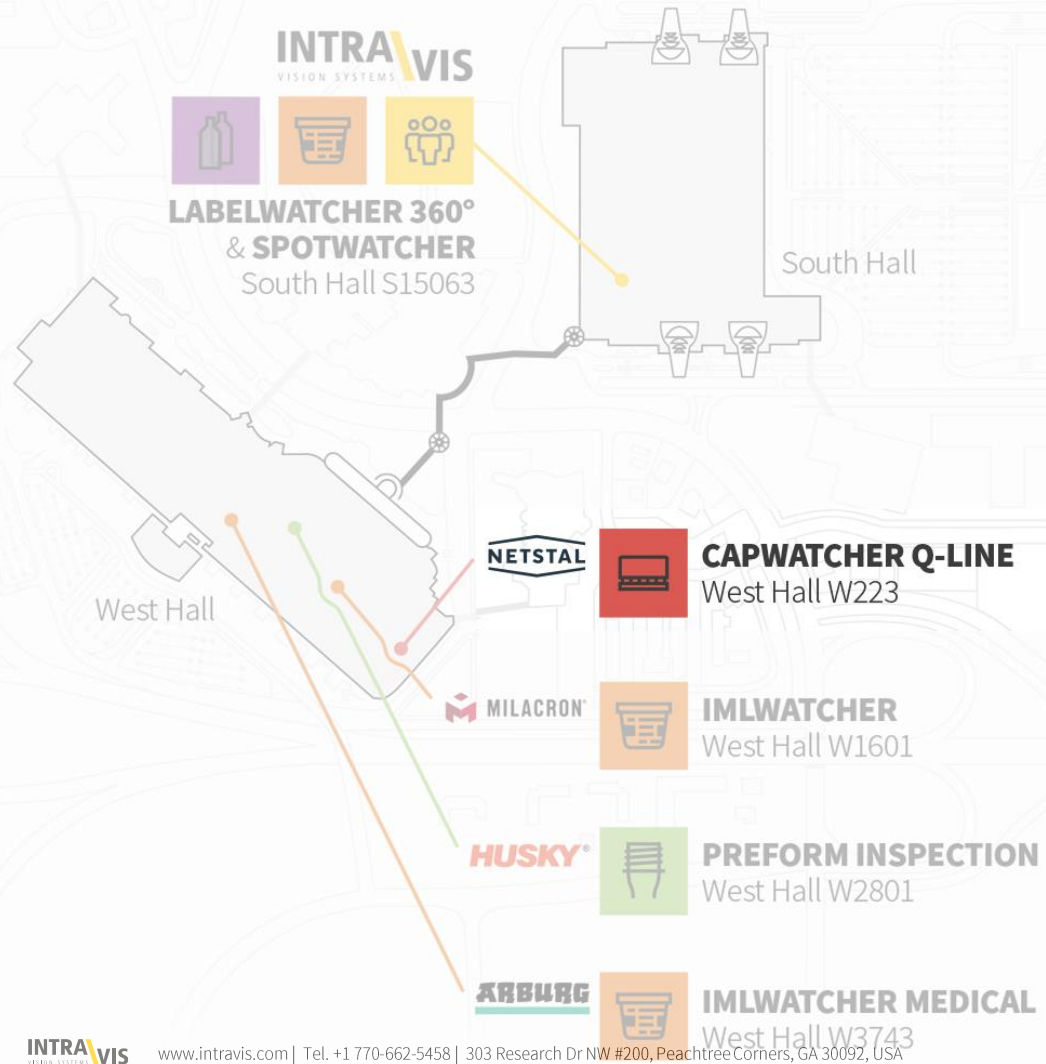
PREFORM INSPECTION
West Hall W2801



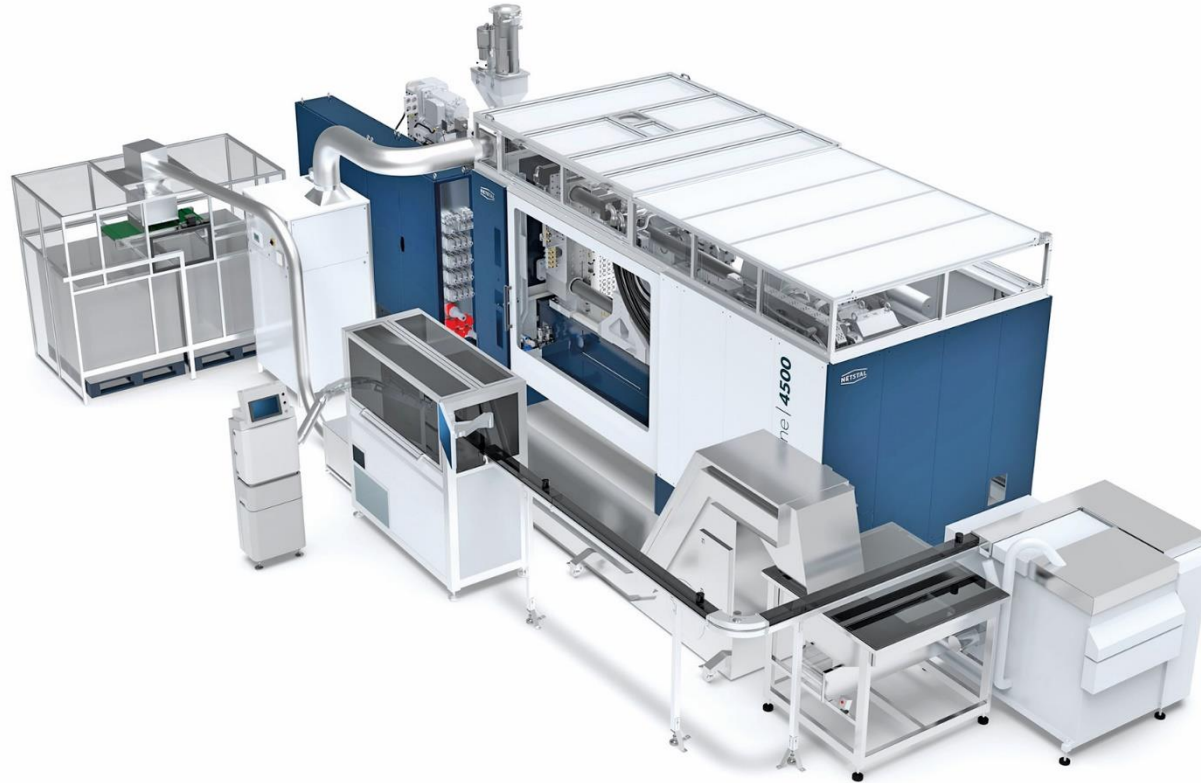
IMLWATCHER MEDICAL
West Hall W3743

Quality control advancements unveiled at NPE

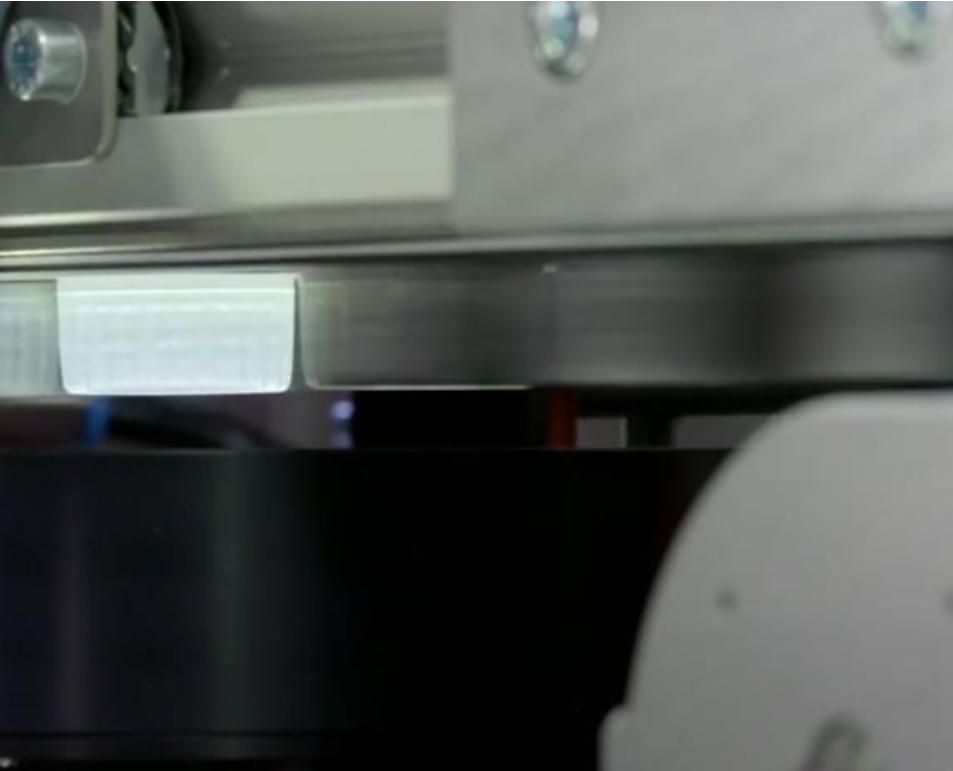
New benchmarks in performance



Witness a World Record Cap Line



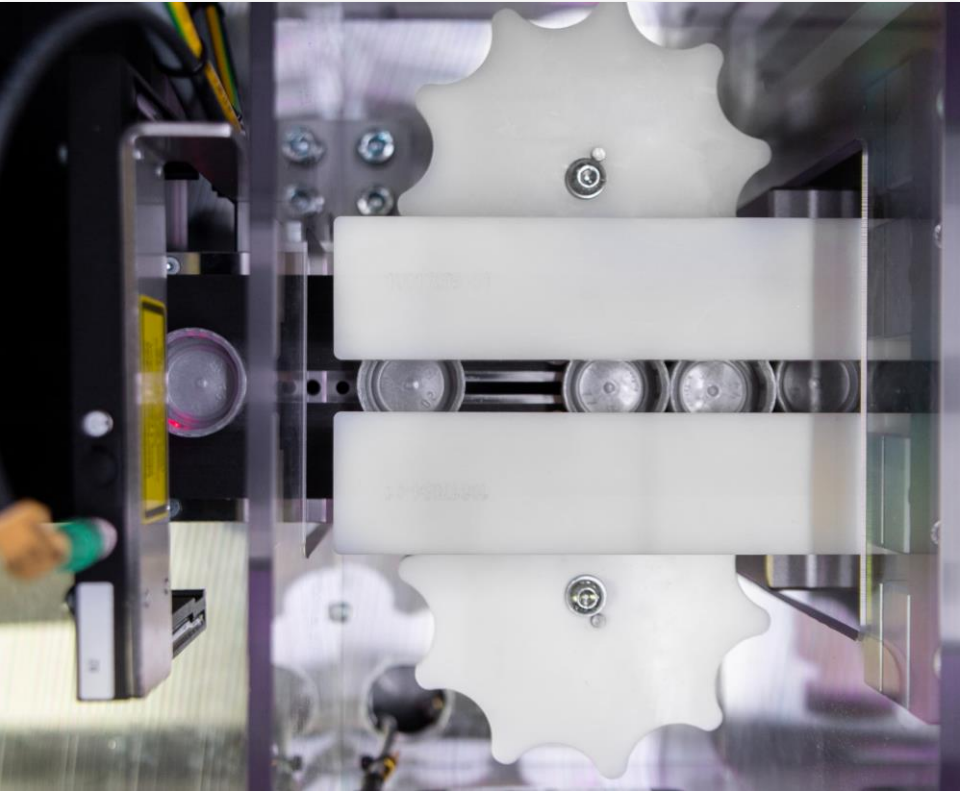
High-speed Upgrade: **Up to 80 pps**



Full **360°closure inspection** at highest production speeds (**up to 80 pps**)

Software algorithms **based on AI** to detect all defect types even of challenging closures

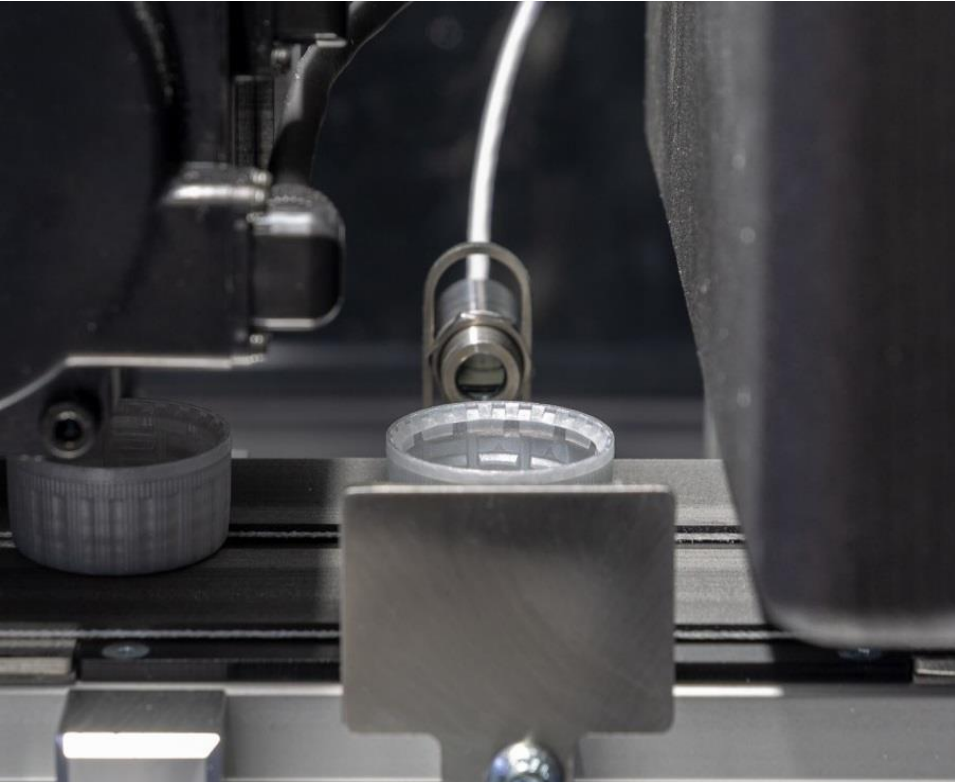
Innovative functionalities



Form-fit **star wheel separation**

Gentle, precise, high speed handling

Innovative functionalities



Form-fit **star wheel separation**

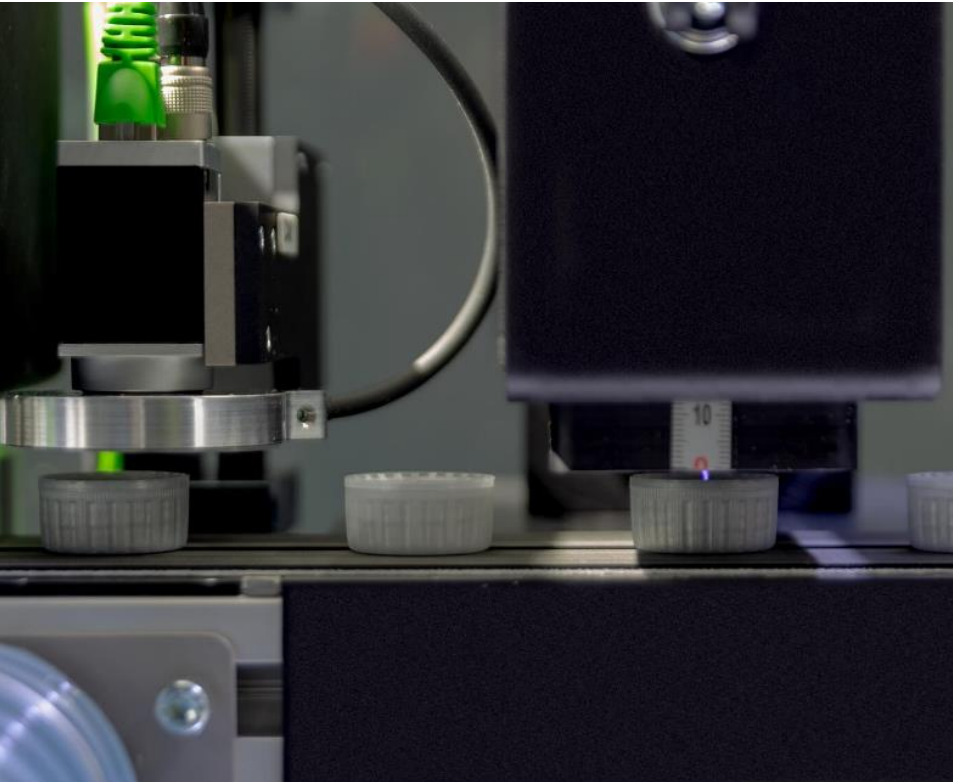
Gentle, precise, high speed handling

Temperature measurement

Conclusions about cap shrinkage behavior

Monitor the mold cooling process

Innovative functionalities



Form-fit **star wheel separation**

Gentle, precise, high speed handling

Temperature measurement

Conclusions about cap shrinkage behavior

Monitor the mold cooling process

Non-contact micro hole inspection

without dipping into the closure

Unlocking the Potential of Medical In-Mold-Labeling (IML)

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Why IML for the Medical Industry?



Less transportation and processing costs

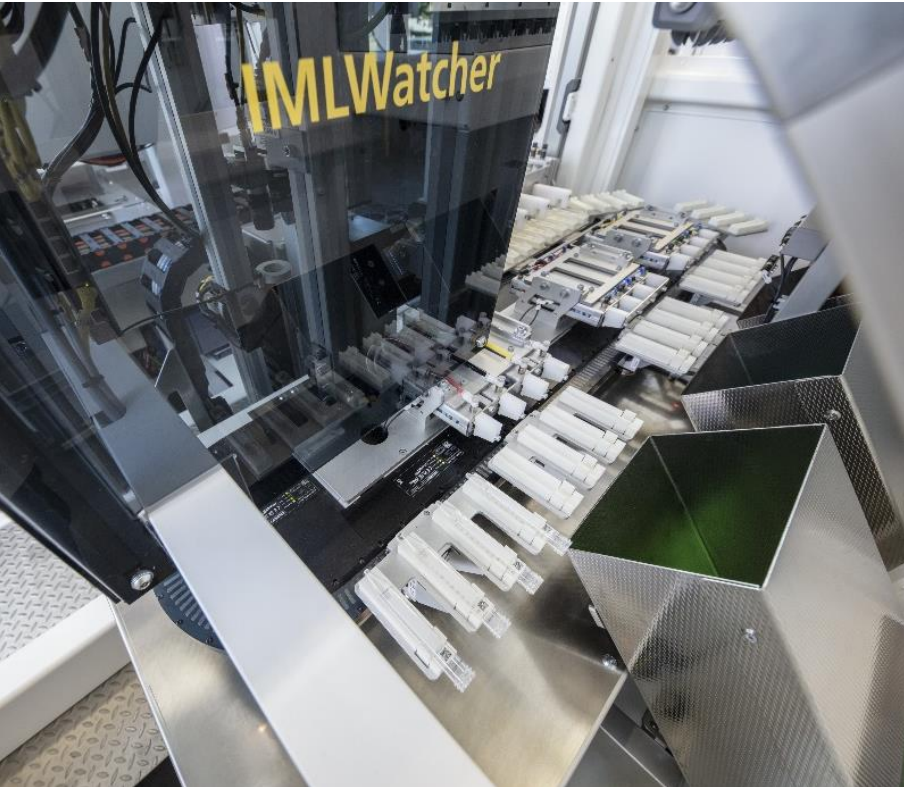
Avoidance of unhygienic influences

Guarantee of authenticity

Easy traceability of supply chains

Increased sustainability

Quality Assurance for the Medical Industry



More than just rejecting bad parts

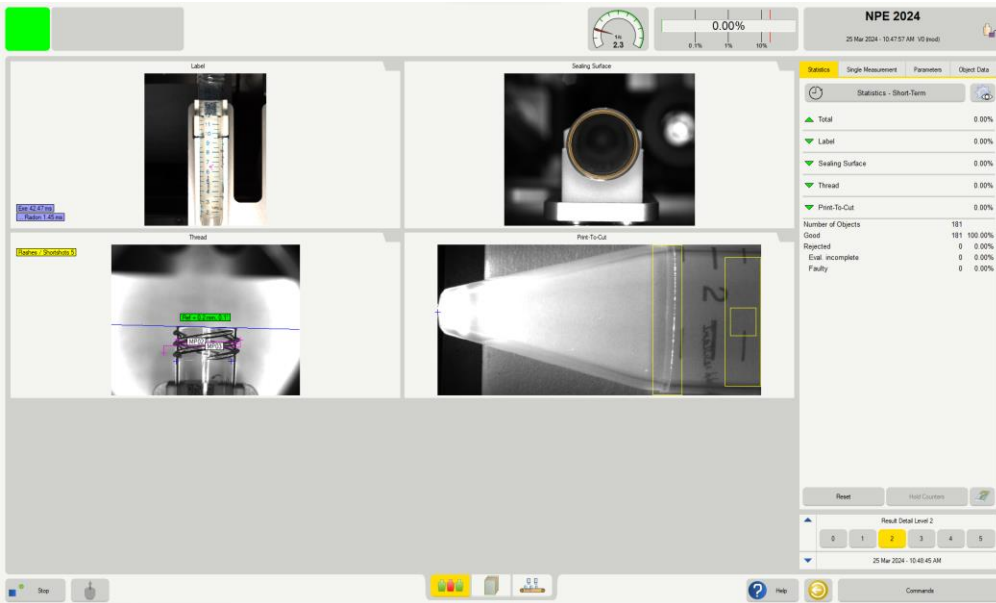
→ Data collection on every single part

→ **Detection of trends** before they become defects

Compliance with legal regulations of the medical and pharma industry

Fully integrated into the robot of Beck Automation → **Space-saving** design

Inspection criteria for medical tubes



Label presence

Label identity

Blow-byes

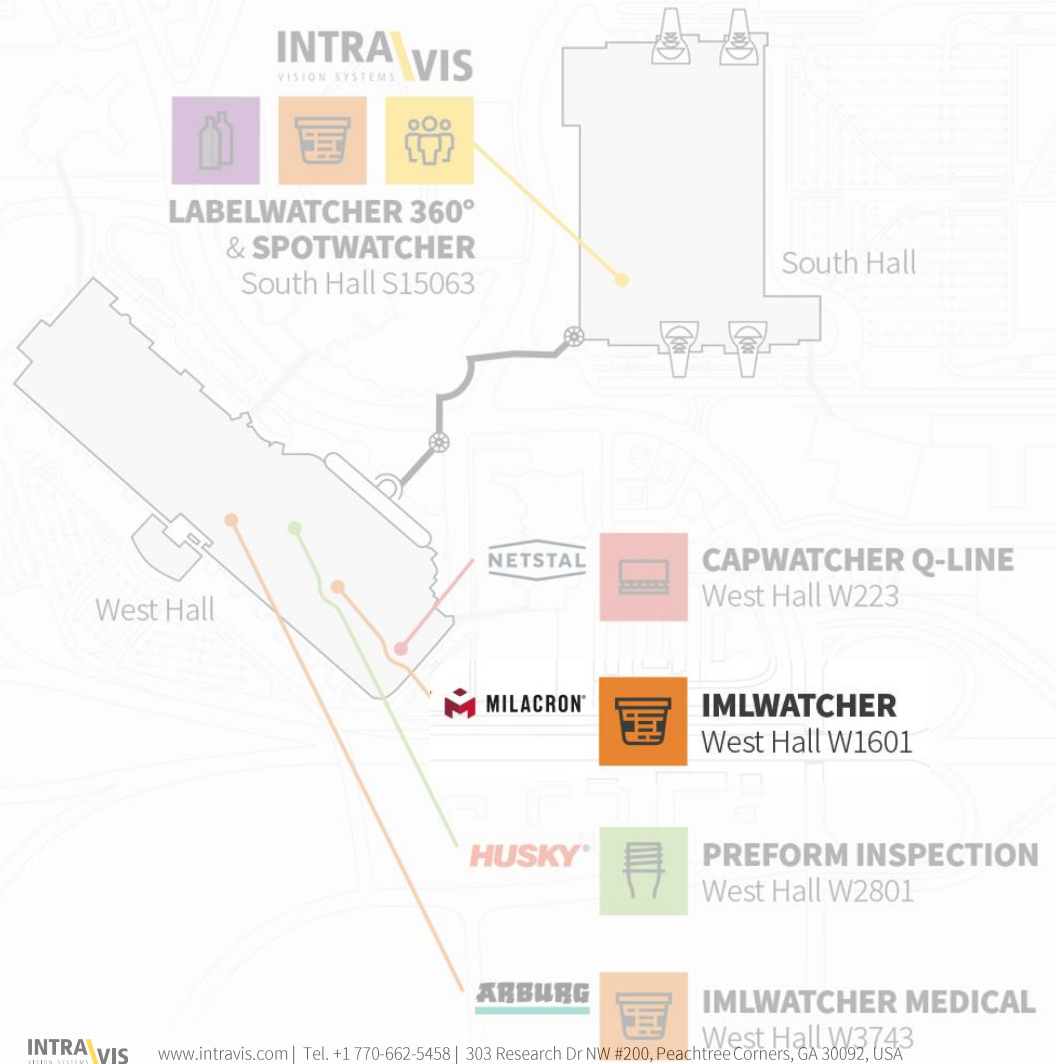
Print-to-cut offset

Other label defects
(e.g. contamination and print errors)

Sealing surface (diameter, ovality,
notches)

Thread measurement (diameter)

Additional IML Inspection System at NPE

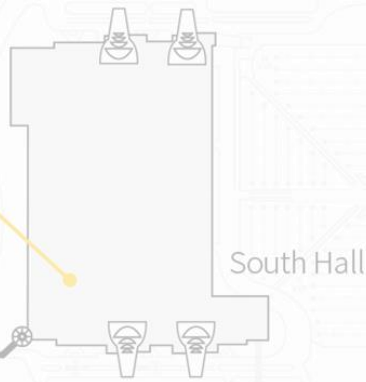


Unlimited 360° label quality assurance

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Label inspection in **any rotational position**



Designed **for any product shape**

Full label evaluation and code reading

Turnkey: Easy integration anywhere
downstream of the
labeling machine



100% label quality assurance



Inspection criteria:

Presence

Folds

Identity

Bubbles

Artwork offset

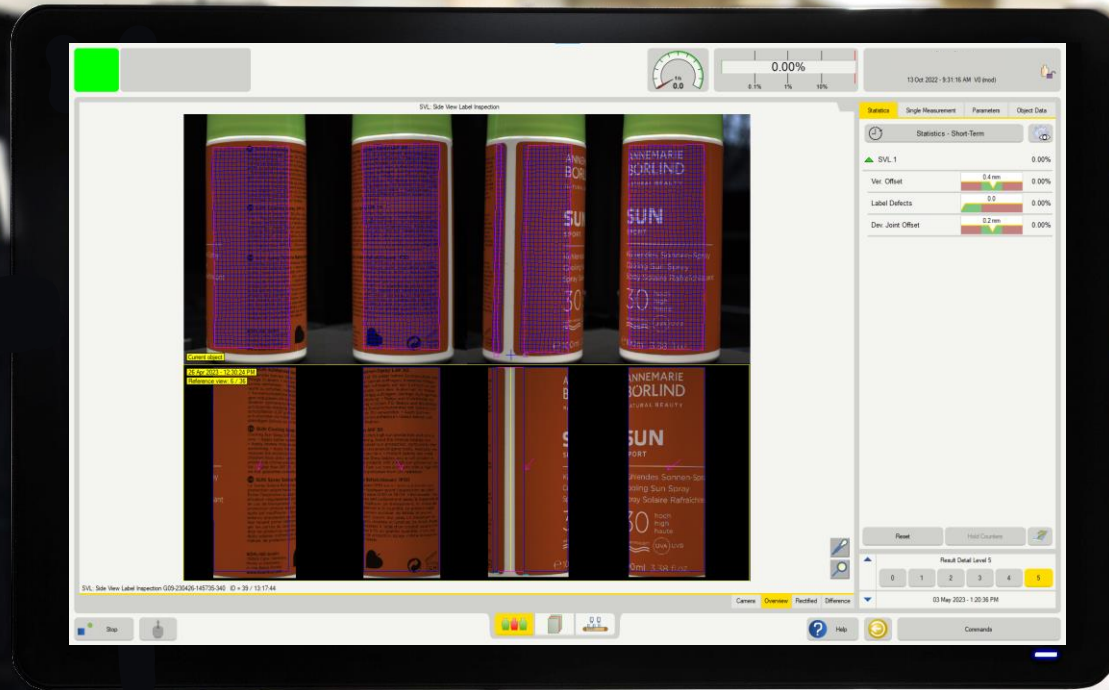
Label joint

Print defects

1D/2D codes

Contaminations

Easy-to-use due to Wizard „Assistant 360°“

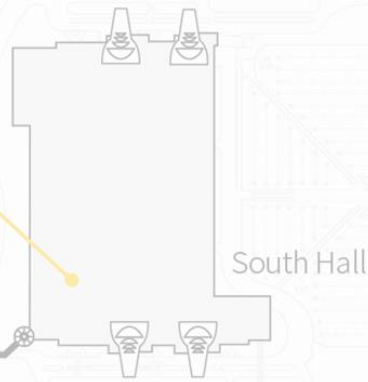


Bottle inspection: Design update w/added value

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Upgrade to an innovative Design



More than just a modern look

→ Faster delivery times

→ Easy adaptation to individual needs

100% quality assurance of your bottles



Material defects

Thick or thin walls

Color inspection

Body and Neck Flash

Neck Opening inspection

Thread inspection

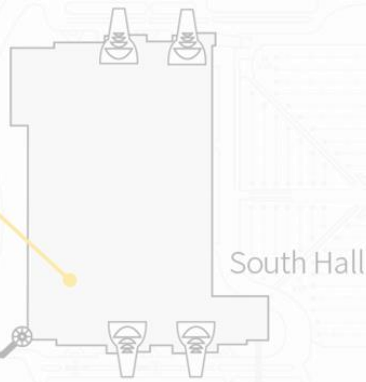
Cavity Number Reading

Innovation in preform inspection

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Preform innovation to be unveiled at NPE

In cooperation with Husky Technologies

Focus on **sustainability & circular economy**

STAY TUNED



SEE YOU IN
TWO WEEKS
AT NPE.

South Hall, Level 1
S15062, Bottle Zone

