

# BOTTLES & CONTAINERS

VISION INSPECTION SYSTEMS  
FOR THE  
PLASTIC PACKAGING INDUSTRY





# INTRAVIS

***WE SOLVE PROBLEMS.  
BEFORE THEY OCCUR.***

## **HOW WE LIVE OUR VISION**

Your quality control requirements present tasks that we gladly face and successfully solve every day. At INTRAVIS, engineers, skilled workers and technicians work every day to find solutions for challenges in the plastic packaging industry that have not been solved yet. Our customers benefit from more than 30 years of experience in the plastic packaging industry.

For many years, we have been dealing with topics that are challenges for the industry today. We ask ourselves: How can vision inspection systems deliver added value for production processes?

What contribution will quality inspection solutions make to the smart factory of the future? How can inspection systems and analysis software help to increase production efficiency?

Finding answers together with customers and partners is what drives us every day.

# INTRAVIS

## ABOUT US

### **SIMPLY BETTER PRODUCTS**

For more than 30 years, producers in the plastic packaging industry have relied on INTRAVIS solutions. In the areas of preforms, closures, stretch-and extrusion-blown bottles and containers, as well as decoration, we offer systems that meet all of the requirements of a sustainable quality inspection solution.

**You have the choice:** do you need a cost-effective standard system which fulfills fundamental inspection tasks, or a specialized solution ready to fit your specific needs? Whether you want to inspect inline or offline – all of our solutions are flexible and customizable.



#### **PREFORMS**

PreMon  
PreWatcher Offline  
PreWatcher Inline  
Sample-PreWatcher  
ColorWatcher Lab  
LayerWatcher



#### **BOTTLES & CONTAINERS**

SpotWatcher Basic  
SpotWatcher  
SpotWatcher Customized  
SpotWatcher Pharma  
IntraOne  
BarrierWatcher

## **INTRAVIS SYSTEMS OFFER:**

1. Security that you will always deliver the best possible quality to your customer



### **CAPS & CLOSURES**

CapWatcher Q-Line  
CapWatcher Compact  
CapWatcher B-Line  
CapWatcher SC  
CapWatcher FC  
IntraOne  
BarrierWatcher

### **PERIPHERY**

CapFeeder  
CapFeeder + Tower Hopper  
Cross Conveyor  
Cooling Conveyor

2. Full production control and optimization of your production process
3. High comparability of different production conditions and results
4. Turnkey systems with complete commissioning and extensive 24/7 service
5. Customized solutions for perfect integration into the your production or laboratory



### **LABELING & DECORATION**

LabelWatcher  
LabelWatcher 360°  
IMLWatcher  
SleeveWatcher  
IntraOne

# INTRAVIS

## ABOUT US

### YOUR ADVANTAGES

There are many reasons to buy an INTRAVIS inspection system. Some examples of how you can benefit from our solutions:

### RENOWNED SOLUTIONS

- INTRAVIS technology helps you to be a global leader in the plastic packaging industry
- We are driven to develop innovative solutions to new and customized challenges
- INTRAVIS means quality “Made in Germany” trusted by many global players



#### **BARRIER LAYER**

BarrierWatcher  
LayerWatcher



#### **SOFTWARE**

IntraVision  
IntraVisualizer  
IntraRecommender

### **PROCESS OPTIMIZATION**

- Get unique insights into your production process through comprehensive statistics, reports, diagrams and trend calculations
- Connect your INTRAVIS systems with your Manufacturing Execution System (MES) to take the next step towards your Smart Factory of the future
- Fast and space-saving integration into your production line or laboratory

### **SECURITY**

- Enjoy the security of delivering only flawless products to your customers
- In-house programmed and userfriendly software interface to ensure that your machine operators easily handle the system on their own

- Assurance of regular maintenance and immediate troubleshooting thanks to our worldwide network of service centers and our free telephone hotline

### **PARTNERSHIP RELATIONS**

- In cooperation with you, our team is looking forward to developing a customized solution for your individual inspection task
- We strive for long-term partnerships to provide our customers with a complete and interconnected inspection solution for an entire plant or even multiple sites





# BOTTLES & CONTAINERS

We supply manufacturers of various industries worldwide to assist them in maintaining high quality standards. Our vision inspection systems for plastic bottles and containers are capable of detecting defects such as contaminations, holes, hue deviations, long and short shots, thin areas, as well as deviations in the object geometry.

Our product portfolio ranges from pre-configured systems over modular designs to customized solutions. This enables you to find a quality inspection system that is perfectly tailored to your needs – no matter whether you prefer a compact system at a low price

with fundamental inspection modules, a comprehensive solution which is customized to your bottles and containers, or anything in between.

No matter what you choose: Each of our systems supports you in detecting defects at an early stage, improving product quality and minimizing your rejects: These are benefits that our customers in the pharmaceutical, food, medical and consumer goods industries have been utilizing and appreciating already for decades.

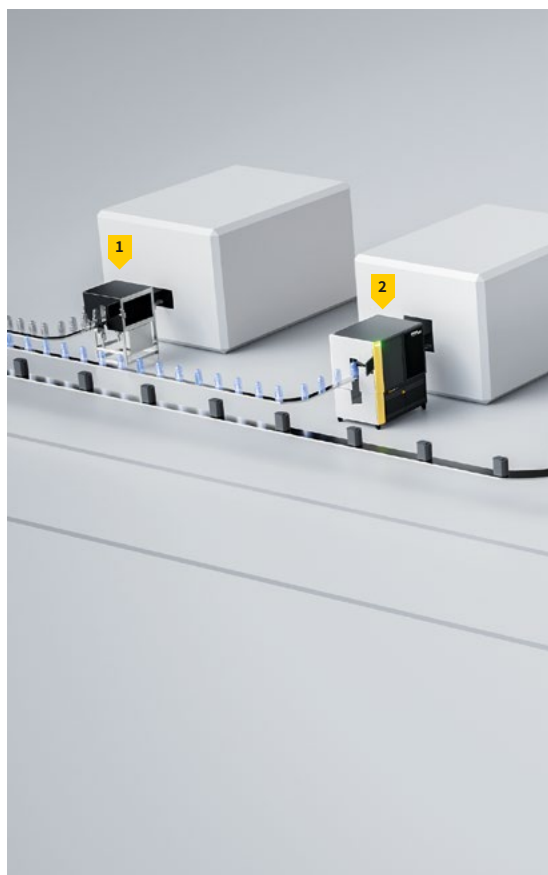
# BOTTLES & CONTAINERS OVERVIEW

Our inspection systems for bottles and containers offer full flexibility – from standardized solutions and modular concepts to fully customized designs. This ensures you get exactly the system that fits your needs.

Standardized systems reliably inspect common quality criteria and enable fast implementation with proven performance. They are ideal for customers who value efficiency and trusted technology.

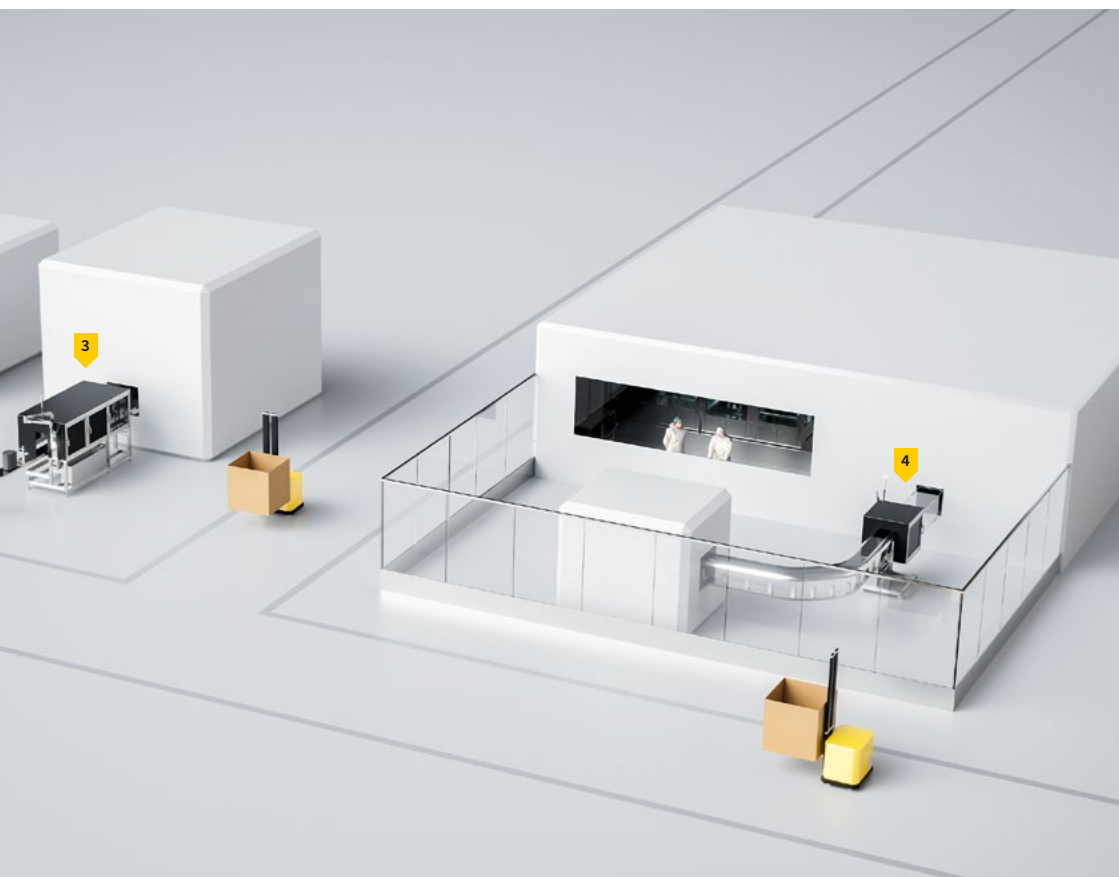
For specific requirements, our experts develop tailor-made solutions that are precisely adapted to your layout, inspection tasks, and product characteristics. This gives you maximum performance and flexibility – even for complex applications.

The modular systems combine the best of both worlds. They offer the advantages of a standardized solution while still allowing high configuration – ensuring high adaptability with straightforward implementation.



1 SpotWatcher Basic

2 SpotWatcher



3 SpotWatcher Customized

4 SpotWatcher Pharma

# BOTTLES & CONTAINERS COMPARISON

From a space-saving basic inspection to an all-embracing quality assurance: The individual strengths of each bottle inspection system take your specific requirements into account.

|                             | INSPECTED OBJECTS   |             |                     |                 |                 |
|-----------------------------|---------------------|-------------|---------------------|-----------------|-----------------|
|                             | Shape               | Height (mm) | Mouth diameter (mm) | Body width (mm) | Body depth (mm) |
| SPOTWATCHER BASIC           | all                 | 55-362      | ≤ 125               | ≤ 300           | ≤ 150           |
| SPOTWATCHER                 | all                 | ≤ 400       | ≤ 82                | ≤ 200           | ≤ 200           |
| SPOTWATCHER CUSTOMIZED      | all                 | all         | all                 | all             | all             |
| SPOTWATCHER PHARMA          | round & symmetrical | 50-200      | 15-55               | 30-100          | 30-100          |
| INTRAOONE <sup>1</sup>      | all                 | all         | all                 | all             | all             |
| BARRIERWATCHER <sup>2</sup> | all                 | all         | all                 | all             | all             |

<sup>1</sup> Single-camera-system: Inspection criteria depend on area of application / camera position

<sup>2</sup> Inspection with regard to the barrier layer



WHICH ONE FITS YOUR NEEDS  
BEST? GET IN TOUCH WITH  
OUR SALES TEAM.

| MATERIAL |                                     | FOOTPRINT m <sup>2</sup> | MAX. INSPECTION SPEED parts / h | INSPECTION CRITERIA                                 |
|----------|-------------------------------------|--------------------------|---------------------------------|---|
| PE       | <input checked="" type="checkbox"/> | 1.6                      | 18,000                          | Object body <input checked="" type="checkbox"/>     |
| HDPE     | <input checked="" type="checkbox"/> |                          |                                 | Contour <input checked="" type="checkbox"/>         |
| LDPE     | <input checked="" type="checkbox"/> |                          |                                 | Sealing surface <input checked="" type="checkbox"/> |
| PET      | <input checked="" type="checkbox"/> |                          |                                 | Thread <input type="checkbox"/>                     |
| PP       | <input checked="" type="checkbox"/> |                          |                                 | Thin areas <input type="checkbox"/>                 |
|          | <input checked="" type="checkbox"/> | modular <sup>3</sup>     | 48,000                          | Label <input checked="" type="checkbox"/>           |
|          | <input checked="" type="checkbox"/> | custom                   | 48,000                          | Fill level line <input type="checkbox"/>            |
|          | <input checked="" type="checkbox"/> | < 1                      | 18,000                          | Object shoulder <input type="checkbox"/>            |
|          | <input checked="" type="checkbox"/> | < 0.5                    | 72,000                          | Inner base inspection <input type="checkbox"/>      |
|          | <input checked="" type="checkbox"/> | < 1                      | 36,000 <sup>5</sup>             | Outer base inspection <input type="checkbox"/>      |
|          | <input checked="" type="checkbox"/> |                          |                                 | Barrier layer <input checked="" type="checkbox"/>   |

<sup>3</sup> 3.5 m<sup>2</sup>, 3.7 m<sup>2</sup>, 4.8 m<sup>2</sup> - depending on object dimensions and scope of inspection

<sup>4</sup> for contamination only

<sup>5</sup> Inspection speed scalable

# BOTTLES & CONTAIN

## SPOTWATCHER BASIC

With the SpotWatcher Basic all fundamental requirements for the quality inspection of plastic bottles and containers are covered. No matter which object shape you would like to inspect or whether your products are made of HDPE, LDPE, PE, PP or PET: with this

pre-defined solution you will receive a standardized system for typical inspection tasks.

### WHAT CHARACTERIZES THE SYSTEM?

The SpotWatcher Basic combines the versatility of other INTRAVIS solutions



Bottle inspection system covering all fundamental and most common defects

with our experience to a pre-configured and standardized system. Hence, it is particularly budget-friendly and stands out by a short lead time.

With its inspections, you are guaranteed to identify most of the defects that commonly occur in the production of plastic containers. Since the SpotWatcher Basic is an inline system, you can be confident that every bottle leaving your production meets the quality standards your customers expect.

## OVERALL PRODUCTION OVERVIEW

You receive all software functions to reliably inspect your products. In addition, the collected product-related quality data supports you in making the right decisions to improve your production processes.



As with all INTRAVIS systems, the Spot-Watcher Basic is a turnkey system that will be integrated by our qualified technicians.



Bottle inspection system covering all fundamental and most common defects



Compact design: space-saving integration on 1.6 m<sup>2</sup>



Standardized system: budget-friendly and short lead times

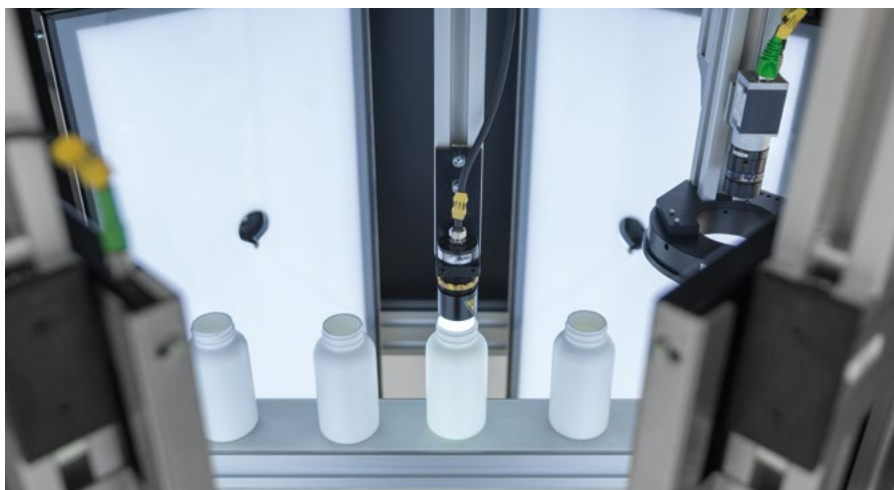
# BOTTLES & CONTAINERS

## SPOTWATCHER

The SpotWatcher is the latest innovation in the INTRAVIS portfolio. It combines the flexibility of modular concepts with the reliability of proven standard solutions.

With an inspection speed of up to

48,000 objects per hour and support for all common materials such as PP, PET, HDPE, and LDPE, the SpotWatcher is suitable for almost any production line. Bottles and containers up to 400 mm in size are reliably inspected for all standard quality criteria.



Flexible configuration for your requirements thanks to modular system design



## MODULARITY MEETS EFFICIENCY

The SpotWatcher offers high adaptability – without time-consuming custom developments. Thanks to its modular design, the system can be easily configured and quickly commissioned. All modules are based on years of experience and are standardized, ensuring short delivery times and high operational reliability.

A standout feature is the fully automatic product changeover: at the push of a button, the system adjusts itself to new product formats. Conveyor belt, separation unit, and cameras automatically adapt – saving time and reducing potential errors.

## PRECISION IN COLOR AND QUALITY

Equipped with high-resolution color cameras, the SpotWatcher detects even the smallest color deviations, stripes, streaks and contaminations – ensuring consistently high product quality.



Automatic product changeover:  
Minimal setup times thanks to  
intelligent self-adjustment



Precise inspection: High-resolution  
camera technology for color  
and contamination inspection



Modular and quickly available:  
Flexibly configurable thanks to  
proven standard components

# BOTTLES & CONTAINERS

## SPOTWATCHER CUSTOMIZED

The SpotWatcher Customized is the all-rounder of the INTRAVIS portfolio when it comes to the inspection of bottles and containers. The system gives you the assurance that each of your extrusion-blown or stretch-blown plastic containers leaves your production fully inspected. The Spot-Watcher Customized detects even

small and hidden defects and reliably ejects all containers that do not meet your standards.

### **TAILORED TO YOUR NEEDS**

The SpotWatcher Customized bears its name for good reason. You have various options to influence both the choice of inspections as well as the



Customized vision system designed for an all-embracing inspection of your bottles and containers



design of the system. We offer you the full range of our technologies to choose from.

A choice of more than 25 different inspection options ensure that your customers receive only flawless products. Due to the high variability and combinability of software options as well as the hardware components, each SpotWatcher is specifically designed by our experts to meet your inspection requirements. With its inspection speed of up to 13 objects per second, the system is fast enough for virtually any production line.

The SpotWatcher Customized can be integrated in almost every production line. It is not only developed as a customized, but also as a turnkey system. The SpotWatcher will be installed in your production line by our highly qualified INTRAVIS technicians. In ad-

dition, extensive training sessions and 24/7 after-sales service are provided by us.



Extensive product safety:  
> 25 inspection criteria available



Inspection of bottles and containers of all types, materials, colors and shapes



High accuracy 24/7 for reliable inspection results

# BOTTLES & CONTAINERS

## SPOTWATCHER PHARMA

In the pharmaceutical and medical sector, product safety is the highest priority. Here the SpotWatcher Pharma is essential: The system guarantees the flawless quality of all produced bottles and containers while considering legal requirements.

The SpotWatcher Pharma covers a wide spectrum of inspections for the quality assurance of your opaque bottles and containers. With the 100% inspection, you can be confident that no defective object leaves your production facility. A comprehensive package



Extensive quality inspection of pharmaceutical and medical products



of inspection options is already included. Not only the inner base and the thread area of a bottle, but also the sealing surface, contour and the body are precisely inspected - the latter even for thin spots.

Since the SpotWatcher Pharma is designed as a standardized system, it is particularly budget-friendly and stands out by short lead times.

## HARDWARE & SOFTWARE COMPLYING WITH PHARMA REQUIREMENTS

With a footprint of less than 1 m<sup>2</sup>, the SpotWatcher Pharma is very space-saving and suitable for cleanroom applications. The system is designed to fit perfectly in a pharmaceutical production environment. Thanks to the variable height adjustment, for instance, the system can be integrated into any production line.

The software offers comprehensive

user management, an audit trail, a command log and diverse protocol functionalities

that support you in compliance with important pharmaceutical regulations such as „GMP Guide Annex 11“, „GAMP 5“ and „21 CFR Part 11“.



Compliant with common pharmaceutical regulations



Space-saving cleanroom application: Footprint of only 1 m<sup>2</sup>



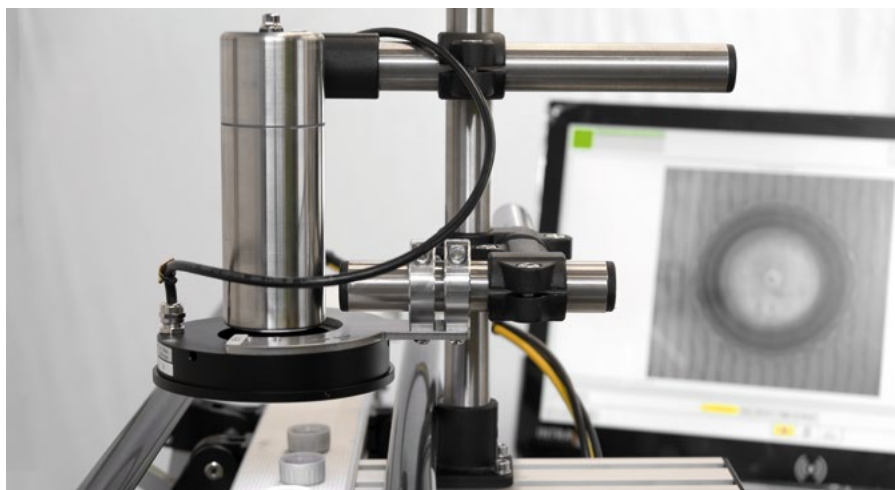
Standardized system: budget-friendly and short lead times

# BOTTLES & CONTAINERS

## INTRAOONE

Designed as a single-camera-system, the IntraOne combines the advantages of a one camera solution with the well-established IntraVision software. It can be used for the quality control of closures, bottles, containers as well as labels and decoration.

The IntraOne can be easily integrated into any production line. Its design allows for the use even in the most demanding environments. The vision system uses an integrated industrial PC and is therefore particularly space-saving. The system can be in-



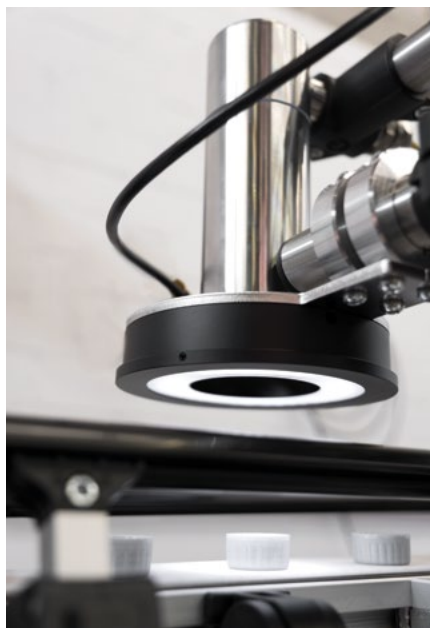
One camera solution – universally applicable

stalled quickly and effortlessly. Together with you and on-site, our experienced service technicians will find the ideal configuration for your inspection task.

## WIDE-RANGING CAPABILITIES

The IntraOne is based on INTRAVIS' long-time experience and expertise in the quality control of plastic packages. The well-known IntraVision software is installed on the system and enables the use of all proven inspection modules. All data collected is presented in the form of statistics and diagrams. Trends and possible countermeasures can be identified at an early stage.

The system inspects for typical defects such as contaminations, color, or contour deviations. In addition to the basic package consisting of a camera and appropriate lighting, further options like a rejector or IP65 protection are available.



One camera solution:  
ready-to-use, but full service and  
comprehensive training



Focus on one camera: budget-  
friendly and short delivery time



Space-saving design: integrable in  
any production line

# BOTTLES & CONTAIN

## BARRIER-WATCHER

The BarrierWatcher accomplishes the inspection of the entire EVOH barrier layer without destroying the packaging. The system is easy to use and detects holes and thin areas in the barrier layer with a special measurement procedure.

The BarrierWatcher typically inspects

containers, cups, single-serve capsules and closures.

### **SPECIALIZED IN BARRIER LAYER INSPECTION**

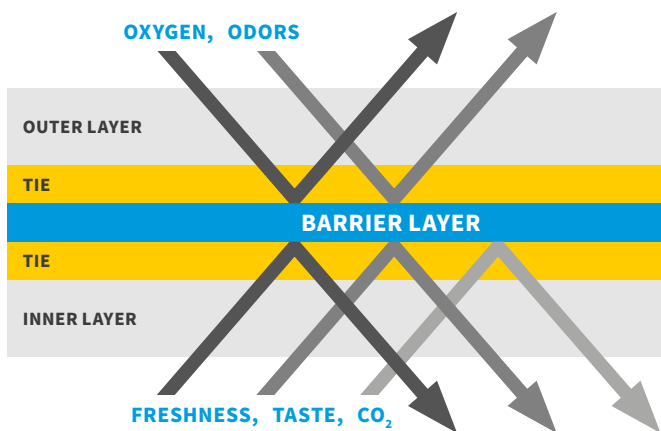
The specific characteristics of the objects are analyzed and a distinction between the base material and the barrier



Making invisible defects visible: Non-destructive inspection of EVOH barrier layers



layer can be made. Holes in the barrier layer are made apparent through comparison to a reference sample. Defective parts are automatically sorted out from the production line.



## MULTIPLE WAYS OF APPLICATION

The BarrierWatcher is available as a laboratory system with manual feeding or as an inline system integrated into the production line. When used as an inline system, the BarrierWatcher identifies defects and correlates them to the specific cavity. This enables the operator to easily identify faults at the production machine and to carry out a targeted maintenance. As an inline system, the BarrierWatcher can be configured to all current production rates.



High inspection accuracy of 1x1 mm (at 50 mm object diameter)



Comprehensive quality control: inspection for presence, holes and thin areas



Non-destructive method: without cutting and delaminating the objects



# SOFTWARE

## **TAILOR-MADE FOR THE PACKAGING INDUSTRY**

Our specialized teams work every day to understand the requirements of the packaging industry and develop solutions that are precisely tailored to your applications. User-friendly, practical and powerful: Whether you are a machine operator or production manager, our systems help you to concentrate on the essentials: smooth, efficient production.

## **TWO GOALS – YOUR ADVANTAGE**

- 1. Ensure quality:** Defective products are reliably detected and ejected. Our IntraVision software – the heart of all INTRA VIS inspection systems – identifies and analyzes defects quickly and precisely.
- 2. Increase productivity:** Fewer rejects, lower costs, higher profitability. Meaningful statistics and data analysis tools in IntraVision, IntraVisualizer and IntraRecommender help you to identify and avoid production errors at an early stage.

# SOFTWARE

# INTRAVISION

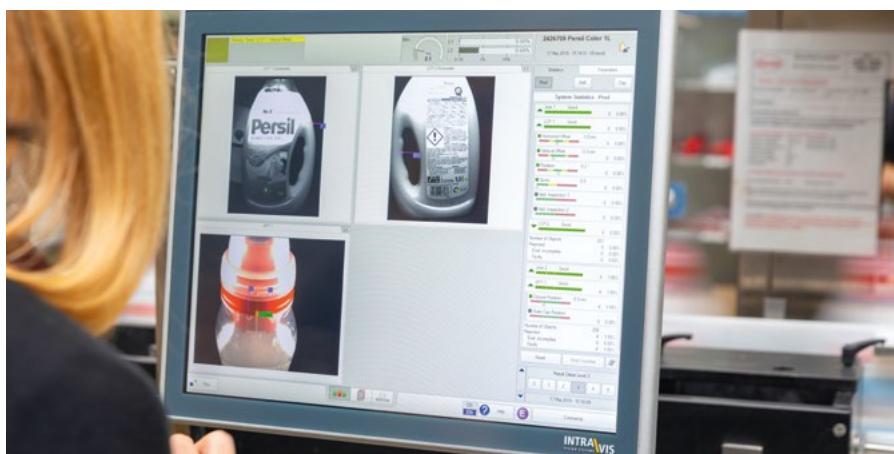
## **RELIABLE. SIMPLE. TAILOR-MADE.**

With IntraVision, you can monitor your product quality automatically, precisely and in real time. The software is individually tailored to your products and contains specific inspection modules for your relevant quality features. This allows you to

ensure the highest standards – from the first to the last production unit.

## **INTELLIGENT ALARMS**

IntraVision offers a reliable self-monitoring function for your inspection system: defects in inspection-relevant components are detected and



IntraVision UI for an integrated LabelWatcher

reported at an early stage. This keeps your quality control stable and efficient at all times.

IntraVision also identifies fault sequences such as ejection errors and triggers targeted alarms – before major problems occur. Actively prevent faults and failures and reduce unwanted machine downtimes to a minimum.

### **DATA AND REPORTS – CONVINCING AT A GLANCE**

With IntraVision you get:

- Detailed evaluations of all inspection criteria
- Seamless integration through data export (via FAS)
- Seamless integration with our cloud products, such as IntraVisualizer, our data monitoring and analytics tool.

### **PROCESS SECURITY**

By setting up an audit trail, you can track changes to process settings at any time.

IntraVision also offers extensive options for assigning authorizations. Each operator is granted only the access rights they need.



Customized extensions: tailored to your individual production requirements



Easy operation: software developed for machine operators



High data availability: comprehensive statistics, reports and connection to your MES systems

# SOFTWARE

# INTRAVISUALIZER

## DATA EMPOWERS

Nowadays, inspection systems offer a huge amount of data and deep insights into your production lines. But are you already utilizing all this information?

## IMPORTANT DATA AT A GLANCE

IntraVisualizer is a powerful software solution for the visualization and analysis of production data – specially developed for the requirements of modern production environments. The software seamlessly connects all IN-



Data analytics software for comprehensive analysis of all production lines simultaneously

TRAVIS inspection systems, creating a central platform for your quality and process data.

The intuitive user interface gives you real-time insights into production processes, quality indicators and system states. This allows you to identify trends, deviations and optimization potential at a glance. IntraVisualizer supports you in making well-founded decisions, improving processes in a targeted manner and strengthening your quality assurance in the long term.

With IntraVisualizer, you stay informed anytime and anywhere: whether on the shop floor, in the office or from another production site – you can access your data conveniently via smartphone, tablet or computer. This allows you to keep an eye on your production even when you are on the move and need to react quickly and flexibly.

## CONVENIENT USE

IntraVisualizer is available to you as a cloud solution. Always stay up to date with the latest online software and security. No more time-consuming analyses of reports, because the data comes to you: benefit from our automatic data analyses and real-time notifications.



Performance monitoring of all inspection systems at a glance



Detection of quality issues and their reasons to increase production efficiency



Trend analysis to detect maintenance needs and minimize unplanned downtime

# SOFTWARE

# INTRA- RECOMMENDER

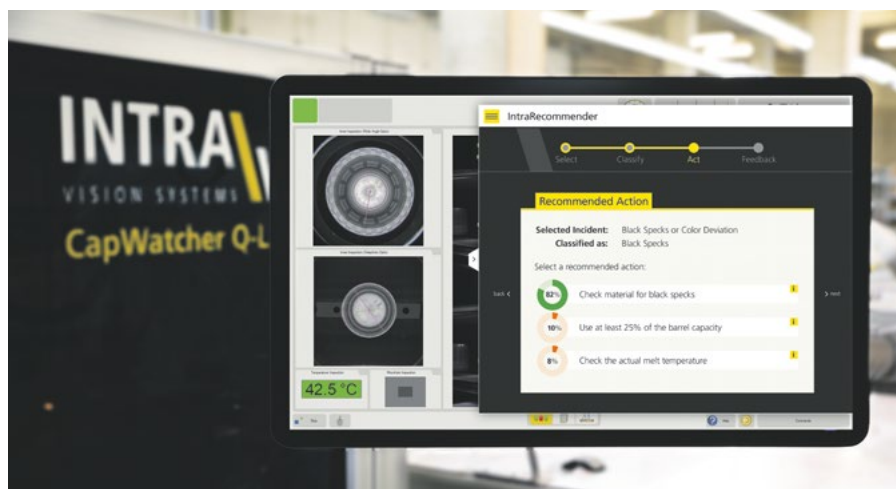
## INTELLIGENT PRODUCTION ASSISTANT

Exploit the full potential of artificial intelligence and integrate it into your production.

IntraRecommender is your intelligent production assistant, enabling every

machine operator make the right decisions immediately to solve production problems and significantly reduce machine downtime.

This takes the optimization of the production process and the overall effec-



Well-founded recommendations for optimizing the production process



tiveness of your production line to a whole new level.

### **DATA COLLECTION OF THE WHOLE PRODUCTION LINE**

IntraRecommender collects high-precision, comprehensive quality data from your INTRAVIS inspection system during production. At the same time, IntraRecommender receives a variety of important process data from the injection molding machine, hot runner, cavity pressure sensors and more via a robust OPC UA interface.

### **RECOMMENDED ACTIONS**

Machine learning algorithms analyze product and process data in real time, recognizing correlations and combining them with your process know-how. Based on this comprehensive database, the machine operator receives well-founded recommendations for optimizing the production process. As a result, IntraRecommender continu-

ously learns and creates an extensive knowledge database, specialized to your production process. Every machine operator receives the same reliable recommendations for action and can immediately make targeted decisions in the event of a problem.



Intelligent real-time recommendations for minimal downtime



Central knowledge database: Expert knowledge is available to all operators



Intuitive operation: Clear, understandable, and easy to use.



# SERVICE

At INTRAVIS, we recognize our customers as partners and invest in a long-term relationship. Therefore, our work does not end with the successful acceptance of the system.

Whenever questions or problems occur, INTRAVIS is ready to support you with skilled technicians and service locations spread over five continents.

# SERVICE WORLDWIDE

## RETENTION OF SYSTEM VALUE

If you decide to purchase an inspection system, you expect that it performs its tasks reliably and permanently. Regular service visits by our

qualified service technicians increase the average service life and ensure consistently high performance. How? Our technicians identify failing parts before they break, adjust your system



At your service at any time: our INTRAVIS service technicians

optimally for your inspection tasks, and train your team to keep your system performing at peak performance.

#### **MINIMIZE DOWNTIME AND COSTS THROUGH SERVICE VISITS**

Schedule service visits so that they match the service intervals of your upstream and downstream machines. In this way, your production line will have less downtime and you can resume production faster. A variety of service contracts are available that allow you to calculate your costs clearly in advance.

#### **RELIABILITY THROUGH SERVICE CHECKS**

Imagine your products must be shipped to the customer uninspected because your inspection system failed due to a missing wear part. Regular service checks ensure your inspection system operates reliably and without problems. Thanks to our service hot-

line and worldwide service centers, a technician can be at your site within the shortest possible time.

#### **PROCESS OPTIMIZATION BY TRAINED PERSONNEL**

An inspection system can only achieve optimum performance through the correct handling by a trained operator. Therefore, we offer training sessions for your key users with a final user certificate for every installation of a system. This training helps to perfectly operate the system in everyday life, and to draw the right conclusions from the comprehensive data that is generated by the system. Of course, you can receive additional training for new employees at any time.

# SERVICE CONTRACTS

Focus on your strengths, we take care of everything else. It does not matter how many INTRAVIS systems you have – a service contract guarantees maximum system availability.

To offer you full flexibility, our service contracts consist of a basic package and possible optional packages. Among other things, our basic contract contains:

- an annual service check,
- free software updates,
- telephone support, and
- the exclusive availability of a service technician departing within 96 hours.

For extra protection, you can include optional packages. For example, you can add 24/7 telephone support and faster availability of a service technician.

## ANNUAL SERVICE CHECK

INTRAVIS systems are stable and durable. Nevertheless, annual service checks are recommended for each of our systems. With an annual service check, you can make sure that your systems are in an optimal condition, so you can ensure a flawless inspection performance. This increases the effectiveness of your system and thus the efficiency of your entire production line.

## HIGHER SUPPORT AVAILABILITY

If you need a service technician on site, a service contract means that you are of highest priority. With an optional package, you have the security to reach a technician of our service department at any time and every day of the week.

## REMOTE ASSISTANCE

Some challenges need more than phone calls and email support. In



**MAXIMUM SYSTEM AVAILABILITY  
DESIRED? GET IN TOUCH WITH  
OUR SERVICE TEAM.**

these moments, remote assistance provides us the tools to assist you as if we were there.

- **REMOTE SUPPORT:** Our service technicians support you remotely by accessing your system with TeamViewer via Internet connection. In this way, we can quickly solve many problems from a remote location.
- **WHATSAPP SUPPORT:** For even faster and easier communication, you can also reach our service team via WhatsApp chat. This allows you to contact us directly, send pictures or videos and receive quick feedback – all from the comfort of your smartphone.

### **SPARE PARTS KITS AND TRAININGS**

We provide kits with the most frequently used spare parts. With these kits, you have the most important parts

for a maintenance job already on site.

And if you have new employees, you can always book training for your IN-TRAVIS systems whenever you need it. For more information, please contact us.



Remote guidance by our service technicians

# KEEP UP-TO-DATE



Do you already **follow us on our social media channels**? There are many different ways to stay connected with us. We are constantly sharing information about new developments, company insights, events and trade fairs as well as industry news.

**Weekly updates** can be found in LinkedIn whereas Youtube is the right channel for watching our vision systems live in action. If you prefer to receive **the latest news directly in your digital inbox**, subscribe to our email newsletter. Last but not least, you can find in-depth articles about our innovations in the blog on our website.



**Scan the QR codes** to check us out across our different social media channels!



# CAREER AT INTRAVIS



The corporate culture among our employees is very amicable: whether during coffee breaks, lunch, cross-team meetings or company parties – **we place great value on personal and professional exchange.**



Open and respectful communication, feedback and a good working relationship are very important to us.



**Individual development** and the promotion of personal initiative are essential components of our corporate policy.



Our **fields of activity** are just as diverse as our entry-level opportunities. Whether in form of an apprenticeship, an internship, a student job or a permanent employment – with or without professional experience, as a career changer, full-time or part-time, with leadership responsibility or as a technical expert – **the opportunities are diverse.**



**[WWW.INTRAVIS.COM/EN/CAREER](http://WWW.INTRAVIS.COM/EN/CAREER)**

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