

VISION INSPECTION SYSTEMS FOR THE PLASTIC

PACKAGING INDUSTRY

W W W . I N T R A V I S . C O M

WE SOLVE PROBLEMS. BEFORE THEY OCCUR.

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HOW WE LIVE OUR VISION

Your inquiries are challenges that we are happy to face. At INTRAVIS, engineers and skilled workers work every day to find solutions for challenges in the plastic packaging industry that have not yet been solved. Our customers benefit from our company's more than 25 years of experience in the plastic packaging industry.

We are dealing with topics right now that will become challenges for the industry in the coming years. We ask ourselves: How can vision inspection systems deliver added value for the production process in the future? 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.



PreMon PreWatcher[®] Inline PreWatcher[®] Offline Sample-PreWatcher[®] LayerWatcher[®]



LabelWatcher[®] IMLWatcher[®] IntraOne[®]



CapWatcher[®] Q-Line CapWatcher[®] S-Line CapWatcher[®] SC IntraOne[®]

PERIPHERY

CapFeeder Cross Conveyor Z Cooling Conveyor

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BARRIER-LAYER

BarrierWatcher[®] LayerWatcher[®]



SIMPLY BETTER PRODUCTS

For more than 25 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 to meet your challenges or a specialized solution ready to fit to your specific needs? Whether you want to inspect inline or offline – all our solutions are flexible and customizable.

INTRAVIS SYSTEMS OFFER:

- Security that you will always deliver the best possible quality to your customer
- Faster optimization of your production process
- Better comparability of different production conditions and results

BOTTLES & CONTAINERS

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SpotWatcher® Customized SpotWatcher® Preconfigured SpotWatcher® by Application PETWatcher® IntraOne®

SOFTWARE

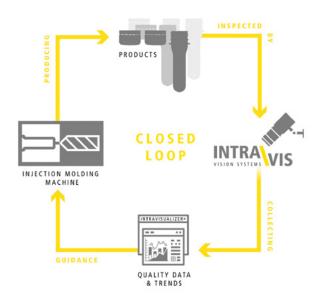
IntraVisualizer® IntraOptimizer® IntraVision®





INTRAVIS: THE EYES OF INDUSTRY 4.0

In the plastic packaging industry, there is an increasing demand for Industry 4.0 applications. With INTRAVIS, you have an experienced partner who for 25 years has been driving the idea of networking all relevant elements of a production line in order to increase efficiency.



Some examples:

- Since 2010, we've been working with one of the largest beverage bottlers in the world in Australia, with our inspection systems supporting the realization of a low-manning production plant.
- At the Drinktec trade fair in 2017 we presented, together with a major injection molding machine manufacturer, a closed loop control for the production of plastic closures – This was a first.
- Since 2018, a major global German company has been using our LabelWatcher[®] for automatic readjustment of the dispensing heads of its labelers.

And in the future? You as our customer will continue to benefit from our desire to remain at the forefront of this exciting topic. INTRA VISION SYSTEMS SpotWatcher

INSPECTION FROM START TO FINISH

INTRAVIS systems inspect all steps in the manufacturing process of plastic packaging and provide feed-back on its quality - from the freshly produced first part to the final product.

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Here: A SpotWatcher[®] for the bottle inspection in use at Alpla (left) and a LabelWatcher[®] for the decoration inspection in use at Henkel.



PARTNER TO GLOBAL PLAYERS

Nr.1 VERTRAUEN SIE DEM

For more than 15 years, INTRAVIS has been a partner of Henkel AG & Co. KGaA, based in Düsseldorf. More than 70 of our in Aachen produced inspection systems are installed all over the world in plants of the global player. All systems are optimized for an industry 4.0 environment and inspect labels, special closures or bottles for various quality criteria.

INTRAVIS systems are an important factor in the digitalization of the supply chain at Henkel. Dr. Dirk Holbach, Managing Director for Henkel's Global Supply Chain, confirms that their immediate feedback helps Henkel to better adjust production processes and thus achieve a perfect production result more quickly. The systems provide the machine control stations with important information via digital interfaces such as OPC-UA or Euromap. Each provides a detailed insight into the product quality of the individual lines - in real time. Henkel emphasizes that this real-time feedback helps them to guarantee the high quality standards they have set themselves for all products.

We are honored that Henkel, as a global player, has relied on INTRAVIS systems and our expertise for such a long time and look forward to continuing the strong cooperation in the future.



RENOWNED SOLUTIONS

- Trust in INTRAVIS technology that helps you to be a global leader in the plastic packaging industry
- Ve are driven to develop innovative solutions to new challenges
- "Made in Germany" quality



- Fast integration into your production line from a knowledgeable turnkey system supplier
- Get unique insights into your production process with comprehensive statistics and the web-based software solutions IntraVisualizer[®] and IntraOptimizer[®]
- Connect our systems with your production control center and take the next step towards the Smart Factory of the future



YOUR ADVANTAGES

There are many reasons to buy an INTRAVIS system. Here are some ways that our solutions will benefit you.



- Enjoy the security of delivering flawless products to your customers
- Trust that machine operators will choose the right settings thanks to intuitive controls
- With our worldwide network of service centers and our free telephone hotline, you can be sure that any problems will be fixed quickly



- In cooperation with you, our team is happy to develop a customized solution for your challenge
- Benefit from our experience of more than 25 years in the plastic packaging industry





AT YOUR SERVICE AT ANY TIME: INTRAVIS SERVICE

CONSERVATION OF VALUE

If you decide to purchase an inspection system, you want it to perform its tasks reliably and permanently. Regular service visits by our qualified technicians ensure an increase in the average service life and ensure consistently high performance. How? Our technicians identify replacement parts before they break, adjust your system optimally for your inspection tasks and retrain your team to ensure the peak performance of your system.

MINIMIZATION OF DOWNTIME AND COSTS THROUGH PLANNED SERVICE VISITS

Schedule service visits so that they match the service intervals of your upstream machines. This way your production line will experience less downtime and you can resume production more quickly. A variety of service plans are available that allow you to calculate your costs clearly in advance.

RELIABILITY THROUGH SERVICE CHECKS

Imagine your products shipping to the customer unchecked, because your inspection system failed due to a wearing part. Regular service checks ensure that this does not happen. And thanks to our service hotline and worldwide service centers, a technician can be scheduled to be your location within the shortest possible time.

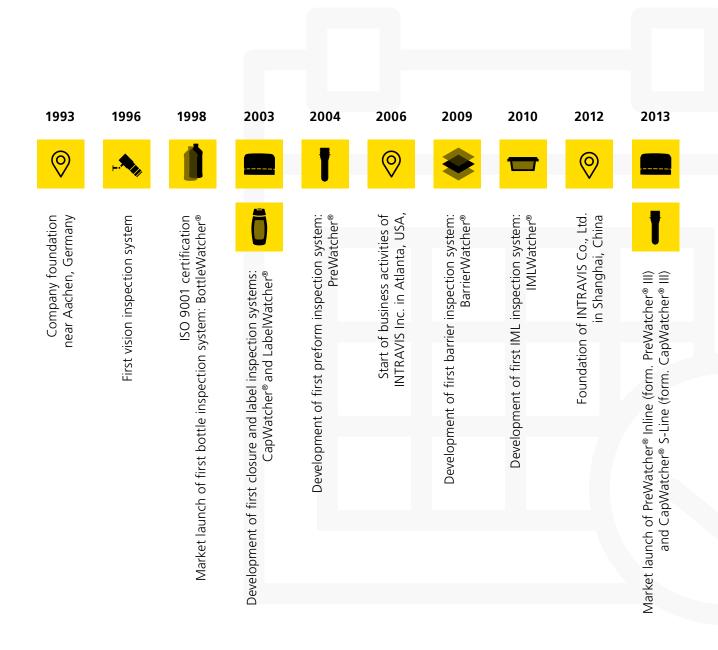
PROCESS OPTIMIZATION BY TRAINED PERSONNEL

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

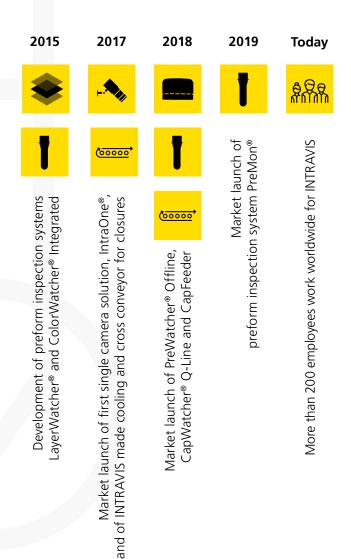
If you have any questions about our range of services, or if you would like to arrange a service appointment, please contact our service department

at the following number:

+ 49 241 9126-150







THE FIRST 25 YEARS!

For the past 25 years, customer ideas and requirements have been the main driving force behind the development of our company.

As a result, today we offer extensive industry knowledge, ingenuity from the Aachen Technology Region, strongly market-oriented developments, and a constant desire to provide only the best service. All of this flows into the processing of your challenges and turns an INTRAVIS inspection system into your perfect solution.





THIS IS HOW WE'RE WIRED

Only those who enjoy their work will develop a product that customers like to buy.

That's why it's important for us to not only have the right expertise, but also, and above all, to have the right chemistry. We view INTRAVIS as a big family. Our Christmas parties are legendary, and anyone who has ever attended one of our user meetings knows that the official end is often just the beginning. The result of this family environment: We like to go one step further for customers, partners and colleagues, because the reward is that you, the customer, receive a truly perfect solution that will make you happy.

As an owner-managed company, we also stand by our down-to-earth and sometimes conservative approach. This means that you only receive solutions that have been sufficiently tested and will prove their worth even years down the road. INTRAVIS systems will continue to stand for Made in Germany quality in the future.

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WORLDWIDE – AVAILABLE FOR YOU

If you have a question or need quick help, we are at your disposal immediately. With two subsidiaries and 18 sales and service points around the world, you'll always have professional help to meet your challenges within the shortest possible time.

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