



INTRAVIS
VISION SYSTEMS

BOTTLES & CONTAINERS

VISION INSPECTION SYSTEMS
FOR THE PLASTIC
PACKAGING INDUSTRY

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WE SOLVE PROBLEMS.
BEFORE THEY OCCUR.



INTRAVIS is one of the most recognized experts worldwide of vision quality control for bottles and containers. For more than 20 years, INTRAVIS inspects end products for its customers with systems **made in Germany**.

INTRAVIS advises and supplies the plastic packaging industry with comprehensive expertise. INTRAVIS' customers include market leaders from all over the world as well as bottle manufacturers, injection molding companies, fillers and the pharmaceutical industry. Our key for success: The ongoing development of our inspection systems.

DIVERSE INSPECTION CRITERIA

This is reflected in the wide range of inspection possibilities. We inspect plastic bottles and containers quickly and reliably for contamination, flash, dimensions and material defects – both on **smooth and structured surfaces**.

STANDARD BOTTLE INSPECTION SYSTEMS

Two systems were developed for the inspection of bottles: the SpotWatcher® and the PETWatcher®.

PETWatcher®



Perfect PET. The PETWatcher® inspects stretch blow molded bottles for contaminations and detects spots even on structured surfaces. The system can be integrated into the stretch blow-molding machine and with its 100% inspection it ensures flawless products.

The latter is used for objects made of PET. The SpotWatcher® can be integrated onto existing conveyor belts and is designed to inspect the base, the sealing surface and the body of bottles and containers.

DIFFERENT DEFECT TYPES

Both systems quickly, precisely and reliably detect the most diverse defect types. Moreover **statistics** display the frequency of each defect type during various measurements. This allows the user to intervene when the process calls.

SpotWatcher®



High performance. High-resolution. The SpotWatcher® inspects LDPE, PET, HDPE, PE and PP bottles and containers for material defects. Moreover it detects defects on structured surfaces and can be easily integrated into the production line.

The SpotWatcher® not only inspects the objects for contamination, material and color defects, but also for thin walls, holes and various geometric characteristics.

The PETWatcher® inspects bottles for notches, scratches, color deviations, the position of the injection gate, short shots, the diameter and the ovality. The tolerance values and sensitivities can be set independently of each other.

This way, the systems make a significant contribution to the **improvement of product quality** and therefore customer satisfaction.

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