



**INTRAVIS**  
VISION SYSTEMS

# DECORATION

VISION INSPECTION SYSTEMS  
FOR THE PLASTIC  
PACKAGING INDUSTRY

[WWW.INTRAVIS.COM](http://WWW.INTRAVIS.COM)

WE SOLVE PROBLEMS.  
BEFORE THEY OCCUR.



In terms of decoration expertise, INTRAVIS is a partner for diverse inspection tasks with a lot of experience in a wide range of products. For over 20 years, we fulfill our customers' requirements all over the world. We develop easy-to-handle products that provide maximum accuracy and efficiency.

### **MULTIPLE INSPECTION CRITERIA**

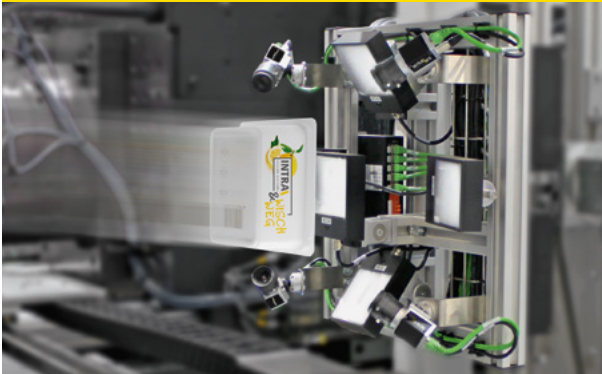
Not only the producers of consumer goods are among our customers. We also meet the requirements of the pharmaceutical industry. We inspect

labels for multiple inspection criteria like presence, position, identity as well as duplicate labels or print errors. Our systems can also be configured to inspect bar and data matrix codes.

### **TOP-NOTCH TECHNOLOGY IN DECORATION INSPECTION**

INTRAVIS systems are easy to operate – this is also true for the area of decoration inspection. The Label-Watcher® and the IMLWatcher® are our systems dedicated to labeled products.

## IMLWatcher®



**Integrated IML inspection.** The IMLWatcher® was designed for quality control in the in-mold labeling process right in the automation robot. It inspects all common label types on cups, lids and containers. The system supports frame intervals down to 20 milliseconds.

## LabelWatcher®



**Perfect fit.** The LabelWatcher® inspects objects for label presence, position and identity on previously defined inspection areas - at up to 50 objects per second. With few simple steps, the LabelWatcher® can be changed over to a new label.

### DETECTION OF ALL COMMON DEFECT TYPES

Both systems inspect objects for all common defect types. The IMLWatcher®, for example, inspects wrap-around decorations and base labels for position deviation, bubbles and folds as well as defects at the label edge. The system can also be configured to detect short shots or flash.

The LabelWatcher® inspects the labels not only for presence, position and identity, but optionally also for numerous additional criteria. Those features in-

clude the reading of plaintext, data matrix and bar codes. Moreover, it is able to inspect for double labels or evaluate a third label as well as the presence of a batch code.

The combination of premium hardware and intelligent software ensures an exact defect detection and therefore precise results. This way, the vision quality inspection of INTRAVIS supports the production of flawlessly labeled objects.



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Status: **September 2016**