



**INTRAVIS**  
VISION SYSTEMS

# CLOSURES

VISION INSPECTION SYSTEMS  
FOR THE PLASTIC  
PACKAGING INDUSTRY

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

WE SOLVE PROBLEMS.  
BEFORE THEY OCCUR.



INTRAVIS is one of the few experts worldwide who are able to inspect all types of closures individually and precisely, inline and at very high production speeds. No matter if inline or offline, our versatile inspection systems have convinced many customers all over the world in choosing INTRAVIS as a partner.

#### **DETECTION OF VARIOUS DEFECTS**

The CapWatcher® III is one of the most popular inspection systems for closures on the international market. High volume of image data and the **central**

**control**, via only one panel, make the CapWatcher® III a leading instrument for inline quality inspection.

The system contains a unique double track conveyor and a separating wheel with integrated micro hole inspection. **Six high-resolution cameras** inspect the closures at maximum speed.

The CapWatcher® III easily detects defects like long and short shots, defective tamper bands and contaminations. Additionally, the system inspects for color, diameter and ovality as well as **cavity number reading and inspection of laser engravings**, providing utmost quality control.

## CapWatcher® III



**More data. Better decisions.** The CapWatcher® III inspects up to 252,000 closures per hour gently and safely, even on the lightest closures. It detects multiple deviations and is able to read cavity numbers.

## CapWatcher® SC



**For specialty closures.** Many specialty closures need a special inspection and as a consequence an own system. We meet these specific requirements with different inspection systems. They all belong to the group CapWatcher® SC.

### INSPECTION OF SPECIALTY CLOSURES

INTRAVIS systems also inspect specialty closures like push-pull closures, tube caps, flip top caps or caps with multiple tamper bands. These systems are summarized under the name CapWatcher® SC and enable elaborated inspections by **special measuring methods**. The CapWatcher® SC systems detect complex defects such as assembly faults. Moreover, it inspects for flawless tamper bands and tamper-evident closures.

With exact rotary orientation the inspection is even more precise and safe. The cavity number reading enables the assignment of single defects to different cavities. This is how the INTRAVIS systems help to **optimize the production processes** for special closures and deliver immaculate closures.



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