



**INTRAVIS**  
VISION SYSTEMS

# PREFORMS

VISION INSPECTION SYSTEMS  
FOR THE PLASTIC  
PACKAGING INDUSTRY

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

WE SOLVE PROBLEMS.  
BEFORE THEY OCCUR.

## Sample-PreWatcher®



**Detailed inspection.** The Sample-PreWatcher® inspects samples of preforms for numerous defect criteria right behind the injection molding machine – down to the last detail. The system is also suitable as fast and objective measuring and inspection machine in the quality lab.

If you want vision quality control of your preforms, INTRAVIS is your partner – this is a strong belief among many global players. The inspection systems **made in Germany** are leading worldwide in their industry and have been keeping this status for many years through continuous innovations.

### INLINE PREFORM INSPECTION

The PreWatcher®III is a system developed for inline inspection of **up to 72,000 preforms per hour**. Amongst other things, it inspects for material de-

## PreWatcher® III



**Fast inspection on eight square meters.** It offers the most elaborated cavity number reading on the market: the PreWatcher® III. It feeds the preforms gently to the inspection stations by centrifugal force. The result: space-saving and unique preform inspection.

fects, contamination as well as grooves and holes at the gate. The system requires a minimal footprint: In only eight square meters, the preforms are orientated, fed into the inspection station and analyzed.

### DETAILED SHOT INSPECTION

The Sample-PreWatcher® is even more detailed: it inspects the quality of samples of preforms and requires eight minutes for the entire inspection of a 96 cavity mold. Also, the Sample-PreWatcher® is, just as the PreWatcher®III able to **read cavity numbers**.

## ColorWatcher® Integrated



**Quick and precise color inspection.** The Color-Watcher® Integrated inspects transparent and translucent preforms right after their production and gives instant feedback. It inspects every shot and does not need floorspace through its integration into the injection molding machine.

Further criteria like weight or color can be measured optionally as well. After the inspection, the system provides detailed and objective quality data onscreen, in reports or as database entries. This way serial defects can be detected, gaining valuable data sets for deep short- and long-term quality analysis.

### INTEGRATED COLOR INSPECTION

The ColorWatcher® Integrated inspects preforms for color and does not require any floorspace as it is integrated into the injection molding machine right



above the tooling plate. Consequently, it measures not only fast and precisely but also reports the measuring results promptly: Any detected deviation is displayed before the next shot is produced.

Therefore, the advantages of the ColorWatcher® Integrated are not only its non-existent floor requirement, but also its exact positioning of the preform, which enables a quick and precise measurement. Deviations are displayed immediately so the operator has the chance to intervene early – this way, continuous production of defective parts is avoided.

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Status: **September 2016**