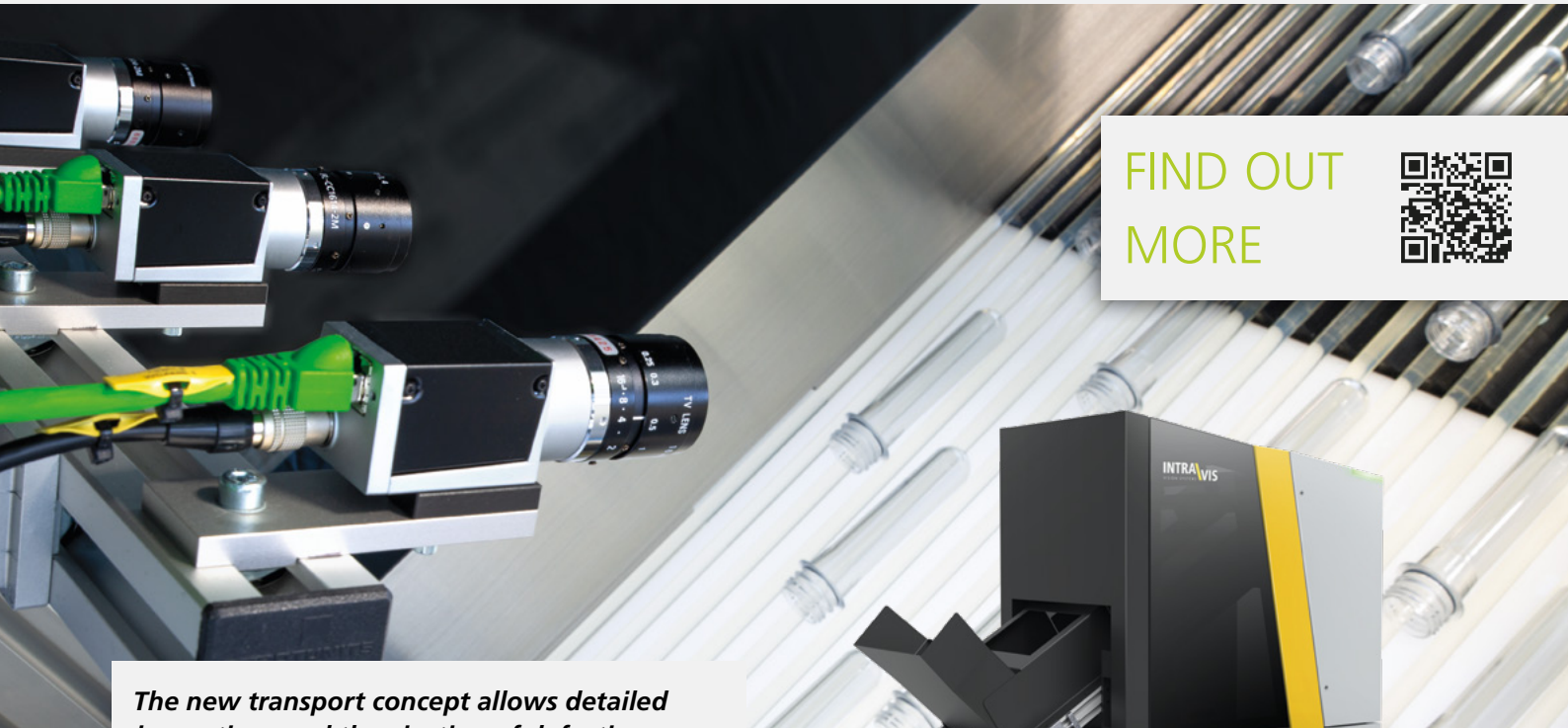




PREMON®

POWERFUL. COMPACT. PREFORM MONITORING.

The PreMon® inspects preform quality features in real time directly behind the injection molding machine. With the bad part ejector, the system actively improves the overall quality of an octabin or grid box. Due to its minimal footprint, the PreMon® can easily be integrated between the injection molding machine and the packaging unit. With its active conveying concept, it guarantees a smooth production process.



FIND OUT
MORE



The new transport concept allows detailed inspections and the ejection of defective preforms – all at the same time

The PreMon® combines a revolutionary massive parallel orientation technology with a preform monitoring concept. While the preforms are being conveyed to the packaging unit, **PreMon® delivers realtime quality results** of your transparent, translucent and opaque preforms. Active conveying at production speed ensures a smooth production process. Defective preforms can even be ejected with the PreMon® PLUS. This leads to an **error rate reduction during the initial filling of your octabins**.

The ratio of recycled material and rPET in resin is increasing significantly. This makes it more and more important to constantly monitor product quality to find unforeseeable defects. PreMon® provides **a quality overview of your preforms at all times**. Analyses, trends and alarms help you to further expand your production know-how.

Simply integrate the PreMon® into your production line and **expand your existing quality inspection concept!** The INTRAVIS software uses the latest artificial intelligence algorithms to inspect the preforms on their way to the octabin. The PreMon® detects up to 70% of your preforms and inspects them for color deviations, contaminations, length of the injection point, the quality of the top sealing surface, ovality and short shots.

The monitoring results are available for each octabin and can also be visualized as a production history. The visualization of the digital octabin allows you to **identify the need for action at an early stage** and make faster and better decisions. Benefit as well from trend analyses: in combination with the IntraVisualizer®, you receive real-time warning messages on all devices of your choice.



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Dedicated cameras inspect the top sealing surface

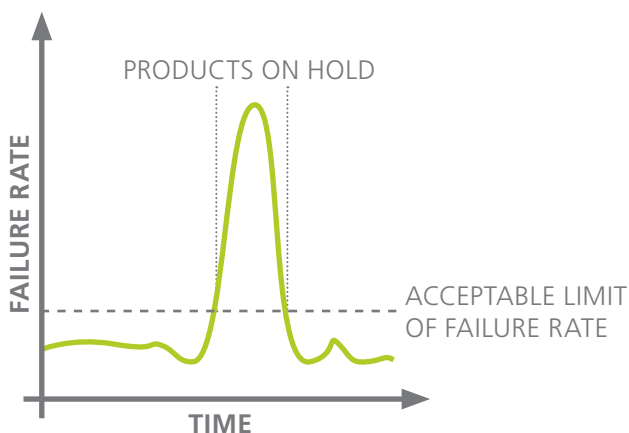
Inspection speed

\\ Up to 72.000 parts / hour

Preform dimensions

- \\ Diameter 18 – 50 mm (at the body)
- \\ Height 70 – 180 mm

With the **option PreMon® PLUS**, you can add an **active bad part ejector** that, combined with the monitoring, enables you to improve the overall quality of your individual octabins.



With the PreMon®, you can detect unforeseeable production errors and counteract at an early stage.

THE PREMON® INSPECTS YOUR PREFORMS FOR:

- \\ Contaminations
- \\ Color
- \\ Length of injection point
- \\ Short shots
- \\ Ovality
- \\ Defects at the top sealing surface

If you want to improve the quality of your preform production and monitor it with a cost-efficient solution, choose the PreMon®. **We will be happy to advise you. Talk to us.**