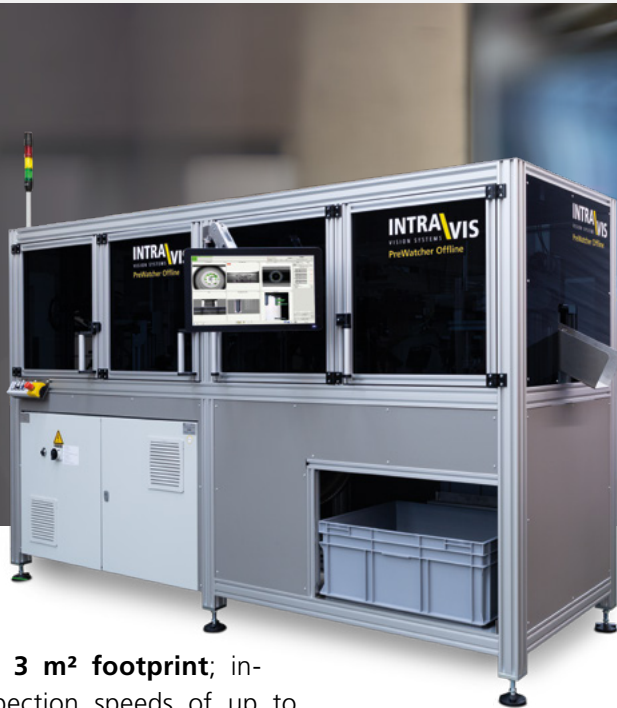




PREWATCHER® OFFLINE

YOUR SORTING AND INSPECTION SOLUTION FOR PREFORMS

The PreWatcher® Offline is the new standard for the quality control of opaque and transparent preforms. It offers a high-speed, comprehensive inspection for the post-sorting of preforms, with its 17 cameras missing no detail. In addition, the system is quickly and effortlessly adjustable to your various preform sizes. Sorting of contaminated preforms has never been easier!



FIND OUT
MORE.



A 3 m² footprint; inspection speeds of up to **100,000 parts per hour;** and **17 cameras** for comprehensive inspection - These are the core attributes of the PreWatcher® Offline. The preform inspection system offers many advantages for your day-to-day production, such as quick re-sorting of held production, and quick changeovers requiring no change parts.

Thanks to its linear handling system, the PreWatcher® Offline can also be used **inline directly behind the injection molding machine**. In addition, the PreWatcher® Offline has two ejector units. For example, use one ejector can be used to reject bad parts and the second to **segregate contaminated preforms, to exclude them from the recycling process**.

Process reliability in everyday production is also ensured. The in-house, pre-installed inspection software, with its comprehensive user management, offers the assurance that each user can only make authorized adjustments to the PreWatcher® Offline.

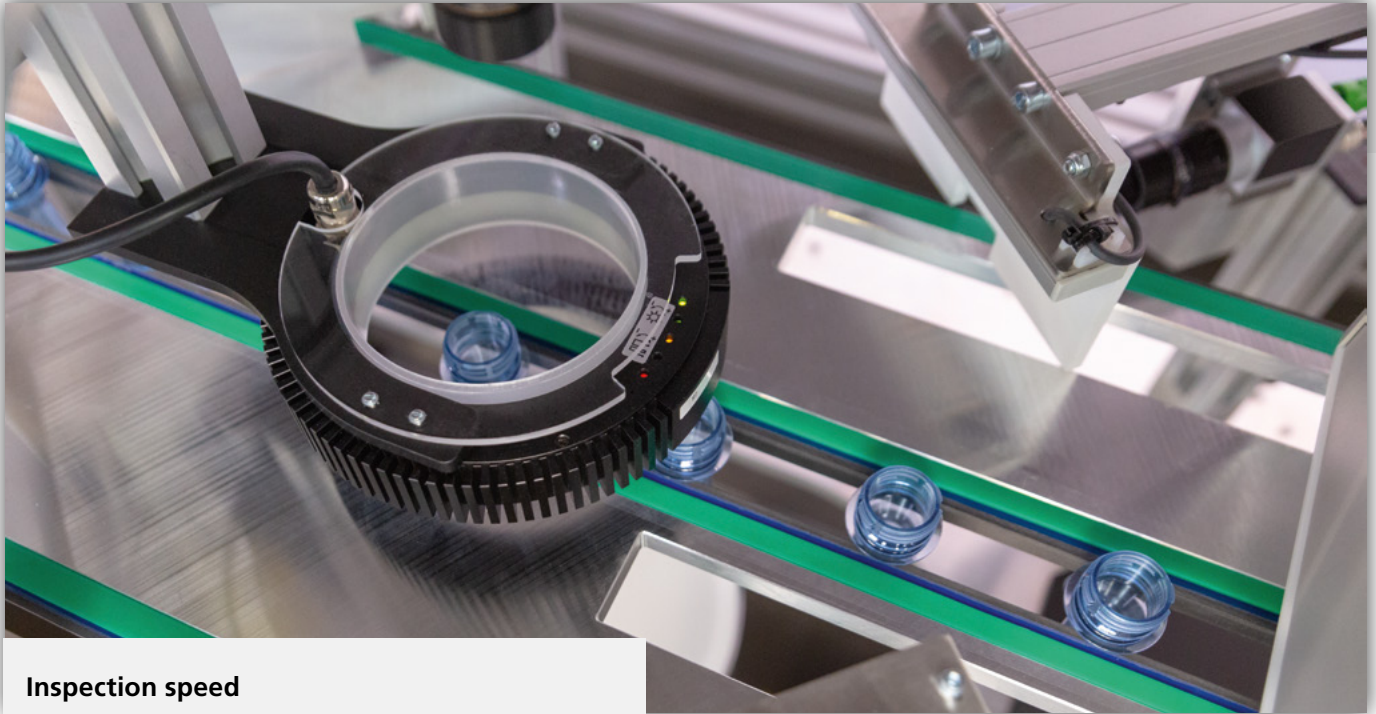
YOUR BENEFIT

- \\ Full **product safety** thanks to 100% full control (no blind areas)
- \\ **Save time and money when converting to new products**, since you do not need any change parts
- \\ Easy **collection of sample preforms** through a second, freely configurable ejection option
- \\ Control of **opaque** (milk and cosmetic), **strongly colored** and **transparent preforms** due to an innovative lighting concept (white and infrared light)
- \\ Learn more about your product and your process by submitting the **cavity-specific inspection results and trends** to an analysis software, e.g. IntraVisualizer®



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Inspection speed

- \\ Up to 100,000 parts / hour

Preform dimensions

- \\ Diameter 10 – 50 mm (on the body)
- \\ Height 40 – 160 mm

INSPECTION CRITERIA GEOMETRY / BODY

- \\ Length, shape, diameter
- \\ Length of the injection gate
- \\ Unmelts
- \\ Bubbles and burners
- \\ Impurities (also oil marks)

INSPECTION CRITERIA CAVITY NUMBER READING

- \\ Sorting based on defined cavity numbers
- \\ Cavity-correlated statistics

INSPECTION CRITERIA COLOR

- \\ Color and intensity deviations (ΔL^* , Δa^* , Δb^*)
- \\ UV measurement (presence of UV blocker)
- \\ IR measurement (presence of barrier material)

INSPECTION CRITERIA MOUTH

- \\ Diameter and ovality
- \\ Long shots / short shots
- \\ Scratches and notches in the area of the sealing surface
- \\ Defect at neck support ring

INSPECTION CRITERIA INJECTION GATE

- \\ Hollows, holes
- \\ Contaminations in the area of the injection point

INSPECTION CRITERIA THREAD

- \\ Contamination, thread dimensions
- \\ Neck support ring defects

If you are looking for a sorting solution with full inspection of your preforms, then choose the PreWatcher® Offline. **We are happy to help. Contact us.**