

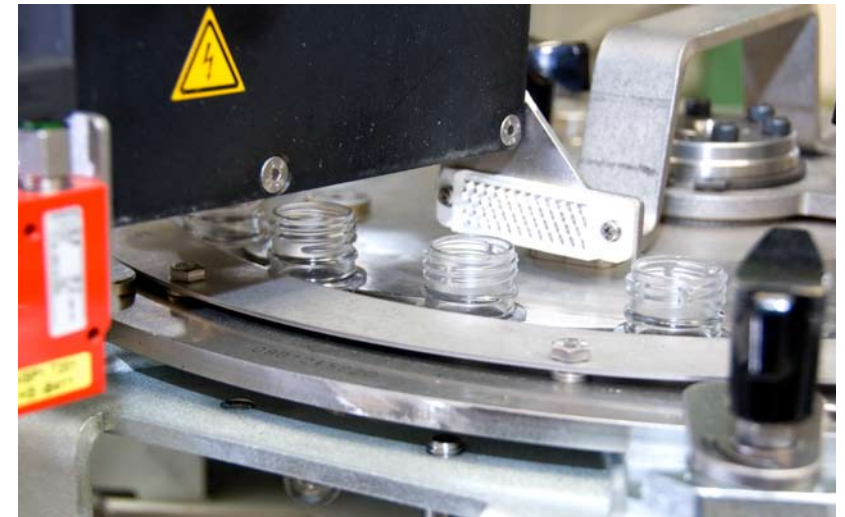
KRONES PreformCheck
The preform inspection unit



Your foundation for optimum container quality

KRONES PreformCheck

With PET preforms, there is the principle: „Small errors - severe consequences“: The smallest faults impact the bottle quality visibly. In worst cases, faulty preforms can even lead to malfunctions in the blow moulder. Risks, which can be easily prevented via the KRONES PreformCheck. The reliable inspection system checks the preform's ovality and sealing surface and rejects faulty preforms immediately from production.



Sealing surface inspection

Method of operation

The inspection systems checks all preforms before they enter the blow moulder using a high-resolution CCD camera. Faulty preforms will be sorted out immediately via a rejection flap.

Design features

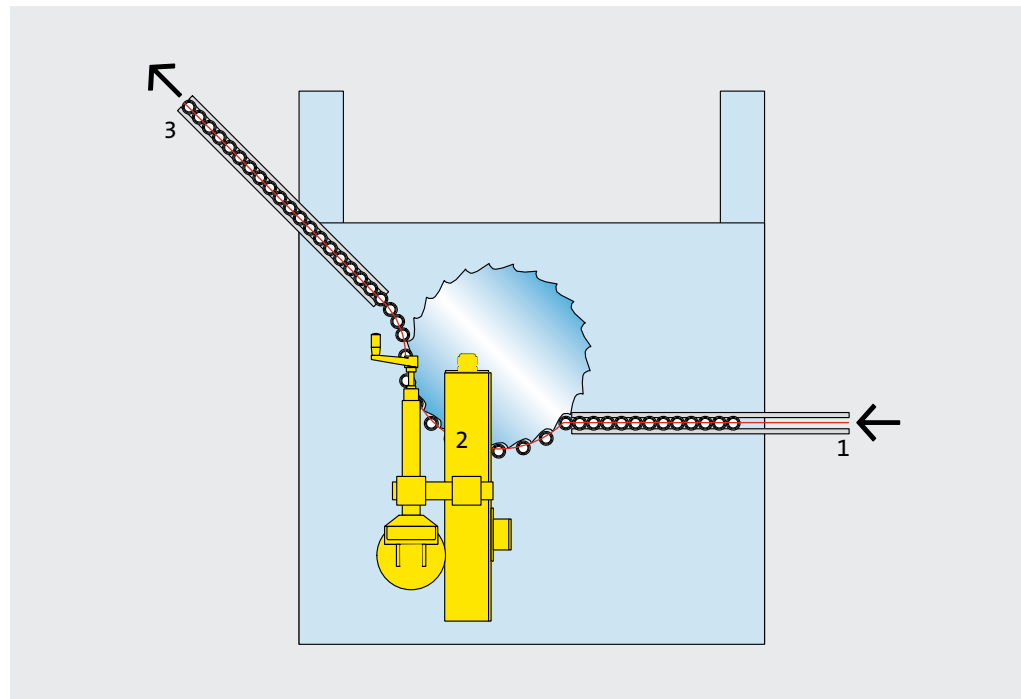
- Non-contact inspection via CCD camera
- A rejection flap sorts out faulty preforms
- Operation and adjustments via individual access levels with user-defined access codes
- Automatic recording of all operating modes

Application

Inspection of all common sizes

Output range

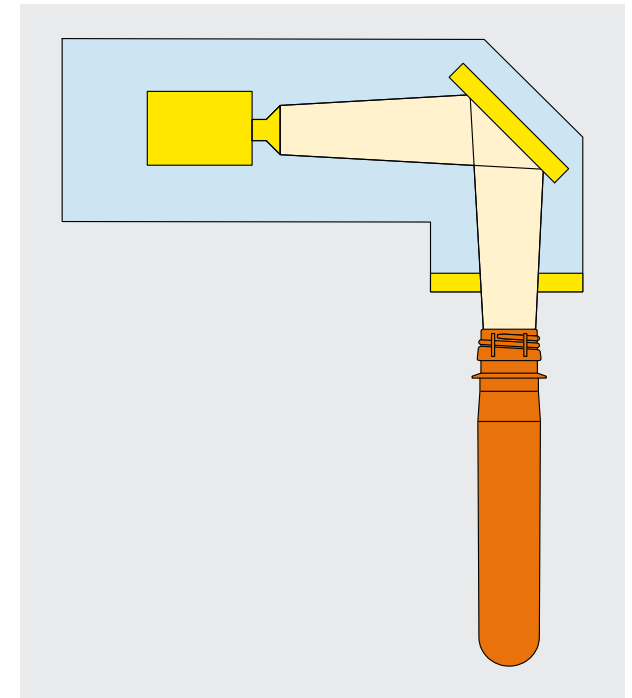
Up to 55,000 containers/h



Detection possibilities

- Ovality of neck finish
- Damaged sealing surface
- Irregularities on the sealing surface

- 1 Preform infeed
- 2 PreformCheck
- 3 Transfer to stretch blow moulder



Sealing surface inspection

- **Quality gain**
The reliable inspection of preforms is the foundation for optimum bottle quality.
- **High line efficiency**
The rejection of faulty preforms reduces the risk of machine malfunctions significantly and therefore the efficiency of the entire line.
- **Small footprint**
Thanks to its compact design, the Inspector requires only very little space. It can be retrofitted easily in existing blow moulders.
- **Security and transparency**
Integrated password protection, user-defined access codes and individual access levels stand for best possible system security. In addition, all operating data are recorded for complete tracking of changes.
- **Uniform operating concept**
All KRONES inspectors and monitoring units are equipped with a uniform operating concept for maximum user friendliness.
- **Remote diagnostics and maintenance via teleservice**
The KRONES teleservice provides specialist consultancy and service around the clock. If required, a KRONES technician can access your inspector via a secured data line. This way, parameter settings, software updates and malfunction analyses can be performed cost-efficiently and quickly.

PreformCheck



KRONES PreformCheck

Contact

Visit by a customer consultant

Further information material

Mr

Ms

First name

Surname

Company

Street, house number

Post Code

Town

Country

Telephone

Email

Contact person at KRONES (if known)

[▶ Send by email](#)



LCS Lifecycle Service

Each company, each facility, is unique. By making the appropriate selection from the capabilities offered by LCS Services and LCS Parts + Software, you will receive a package tailored precisely to your actual needs. And in addition, you benefit from our comprehensive expertise gained from operating production lines in the food and beverage industries, and in the cosmetic, chemical and pharmaceutical sectors as well.

[▶ more ...](#)

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TCO Total Cost of Ownership

The client is the paramount focus of KRONES' product strategy. This is why many of our new ideas emerge from close liaison between our service and sales people and the client on site. The R&D departments at KRONES then develop the appropriate products, geared without exception to cutting our clients' operating and raw-material costs (total cost of ownership).

[▶ more ...](#)



enviro

KRONES stands for innovative machines and high-performance lines. enviro epitomises its commitment to saving costs, by reducing energy consumption and ensuring economical use of natural resources. Intelligent machinery design to a maximised level of technical excellence enables us to grant exceptionally long lifetimes and economical efficiency to optimised ergonomics and safety for the operators and the maintenance staff alike.

[▶ more ...](#)

