

KRONES PreformCheck

The preform inspection unit

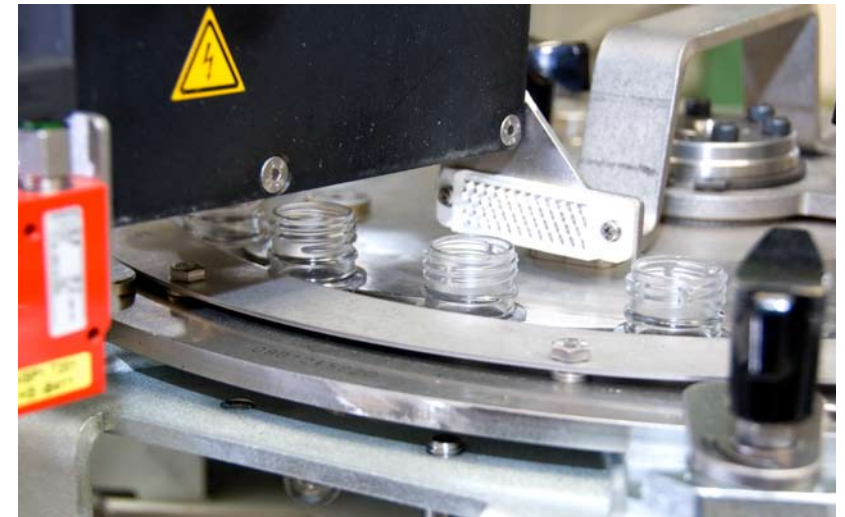


 KRONES

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

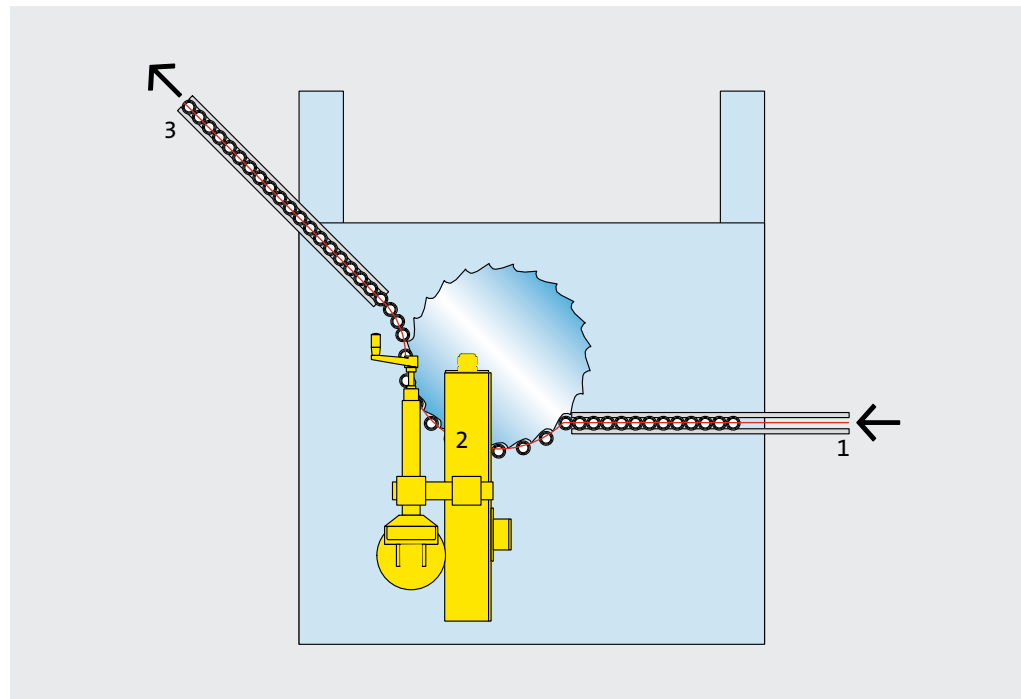
- Non-contact inspection via CCD camera
- A rejection flap sorts out faulty preforms
- Operation and adjustments via individual access levels with user-defined access codes
- Automatic recording of all operating modes

Application

Inspection of all common sizes

Output range

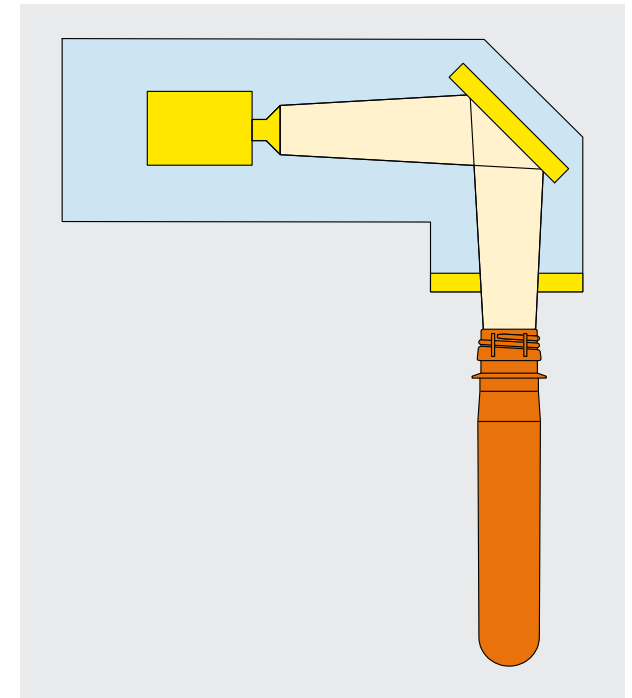
Up to 55,000 containers/h



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

Your benefits

KRONES PreformCheck

■ 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

