



Requirements and Solutions

The secure sealing of a product is an important step in the filling process. However, faults happen every now and then and containers are not sealed correctly. The Innocheck TSI ensures that these containers do not reach the customer. It checks over an angle of 360° to ensure that the closures of your products are intact and correctly seated.

The main focus lies on the tamper-evident seal of the cap. The system uses high-precision optics, cameras and configurable LED lighting.

Main Features

- Optical measuring system with high-resolution camera technology
- High-precision optics for 360° view of the cap
- Suitable for screw caps from 28 mm to 38 mm and sports caps
- Optional inspection functions available (see options)

Basic Configuration

- Maintenance-free infrared LED lighting
- Tripod with height adjustment
- Longlife, configurable LED lighting
- High-resolution color cameras
- Protection cylinders for the optics units
- Innovative KHS image processing software





Advantages

- Longlife, configurable LED lighting
- Maximum product safety concerning intactness
- The full view of more than 360° and the high-quality imaging detect smallest defects of the tamper-evident seal ring
- Compact installation footprint
- Easy maintenance thanks to the protection cylinders for the optical units. In the case of staining or damage, the cylinders can be rotated
- Offers many inspection options, like for example cap color and presence (see options)



Options

- Cap presence
- Cap color check
- Cap logo check
- Presence of the best-before date
- Correct product assignment of cap

Possible combinations

- Innocheck CCI (Crooked Cap Inspection)
- Innocheck FHC (Fill height controls)
- Innocheck FMS (Filler management system)

Service

- Worldwide service
- Holistic consulting and planning
- ReDiS Remote Diagnostics Service
- Fast supply with spare parts

Technical Data

Max. machine capacity

72,000 containers/h / 1,200 containers/m

Detection precision

> 0.7 mm position dislocation.

Protection class

IP65

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