



Requirements and Solutions

The variety of different bottle and pack types has increased tremendously in the past few years. This of course has an impact on the degree of mix of returned empties which leads to reduced line efficiency. The Innocheck LGKI inspects containers exactly to enable the user to process only those pack and bottles types currently scheduled for processing. The system segregates packs according to characteristics such as logos, lettering, heights, and widths and checks them for other foreign elements. The content is classified by the properties height, color, shape, and diameter. Bad crates can be removed from the production flow based on defined sorting criteria or the content can be sorted with the help of a selective decrater. The Innocheck LGKI delivers optimum sorting results for optimum line efficiency.

Key Features

- Static preparation of returned empties
- Using the individual criteria, innovative software computes an overall result for each pack and content
- Great number of detection options
- Modular design of each detection unit such as pack logo and partition contents
- State-of-the-art ultrasound measurement and camera system
- Identification of pack and bottle types

Standard Equipment

- Hygienically designed stainless steel housing
- Long-lasting and homogenous LED lighting
- High-resolution color cameras
- Lens units
- Innovative KHS image processing software





Advantages

- Extensive sorting possible (see options)
- Reliable technology
- Low maintenance thanks to LED lighting
- Panoramic view for maximum product safety
- Increased line efficiency by dynamically adapting the evaluation criteria for empties crates with proportions of foreign bottles to avoid a possible shortage of bottles in the production line
- Conclusions can be drawn about the proportion of foreign bottles and the foreign crates in production based on statistically processed data



Options

- Differentiation of glass and PET bottles
- Pack deformation

Service

- Worldwide service
- Holistic consulting and planning
- ReDiS remote maintenance
- Fast supply of spare parts

Technical Data

Maximum machine capacity

6,000 containers per hour / 100 containers per minute

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