

Online Inspection For Bottling Line



Product Brochure

INSPAK *Compact*



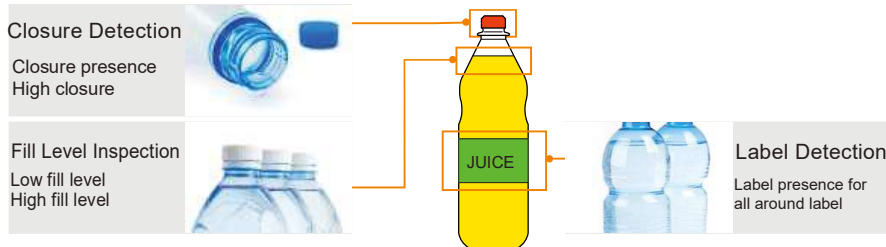
Small Size Inspection System with sensor technology

Fill level inspection with infrared sensor

Closure detection with inductive/photocell sensor

Label detection with photocell sensor

Leakage inspection with analog proximity sensor



Reasonably price, compact and versatile: the INSPAK *Compact* is a control system which checks the fill level, the labels, the closures of all types of filled containers among other things.

Different equipment variants and measuring technologies make the INSPAK *Compact* can be adapted exactly to on-site requirements.

Features:

All the basic function is one compact device
Robust operating terminal with TFT LCD display
Attractive price
Performance range up to 60,000 bph

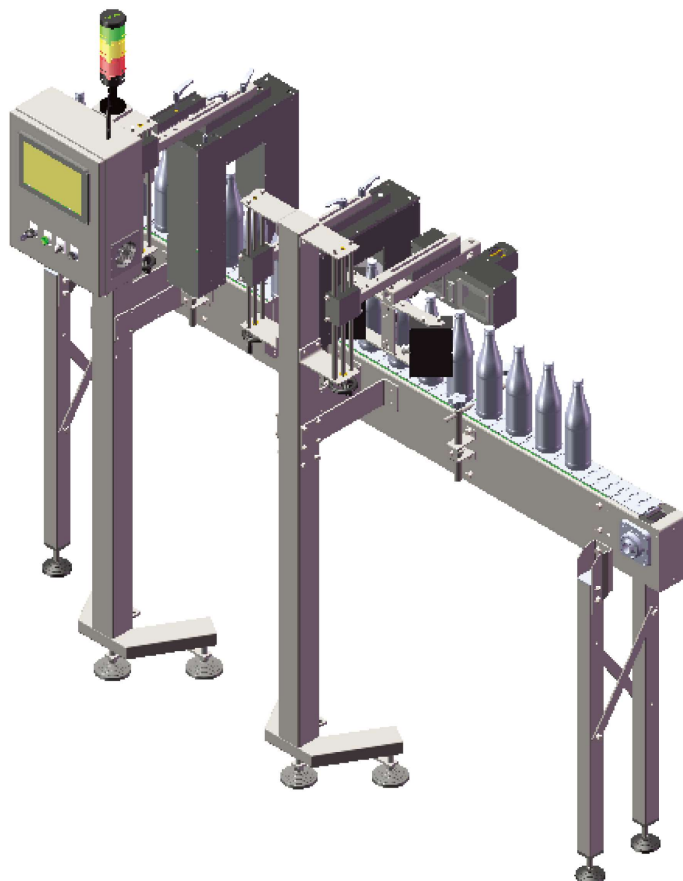
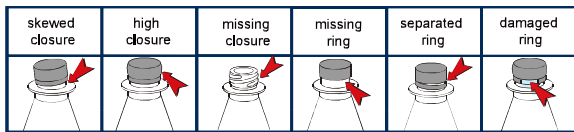


INSPAK *CombiVision*



Compact Inspection System with camera technology

- Fill level inspection
- Closure inspection
- Label inspection
- Inkjet code inspection



The Advantages

- space-saving full container check device
- high-tech entry-level devices at an unbeatable price / performance ratio
- compact complete solution comprising innovative detection technologies
- in-house developed hardware and software and proven procedures for highly precise product tracking, inspection and fault rejection
- easy to integrate stand-alone system with flexible detections directly at the conveyor
- reliable quality check of up to 60,000 filled beverage containers per hour
- Remote service via internet

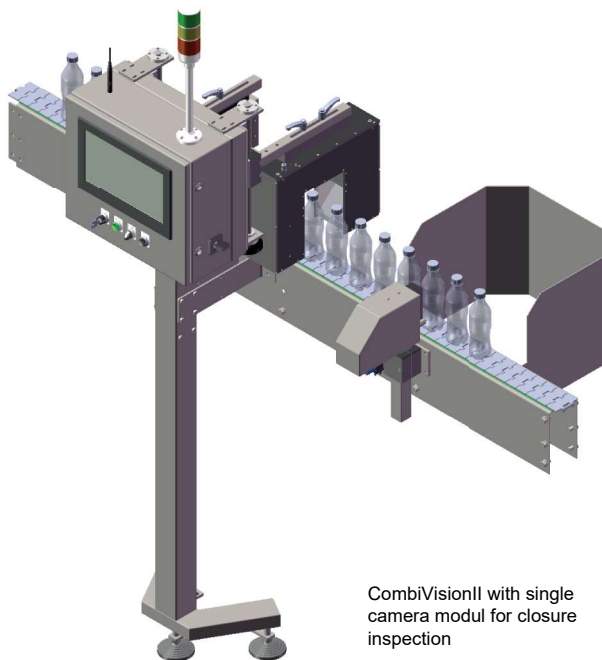


INSPAK *Combivision II*



New generation image process system **with attractive price**

- Closure inspection (up to 4 cameras)
- Fill level inspection
- Lable inspection
- Cap logo inspection
- Inkjet code presence detection



CombiVisionII with single camera modul for closure inspection

The Advantages

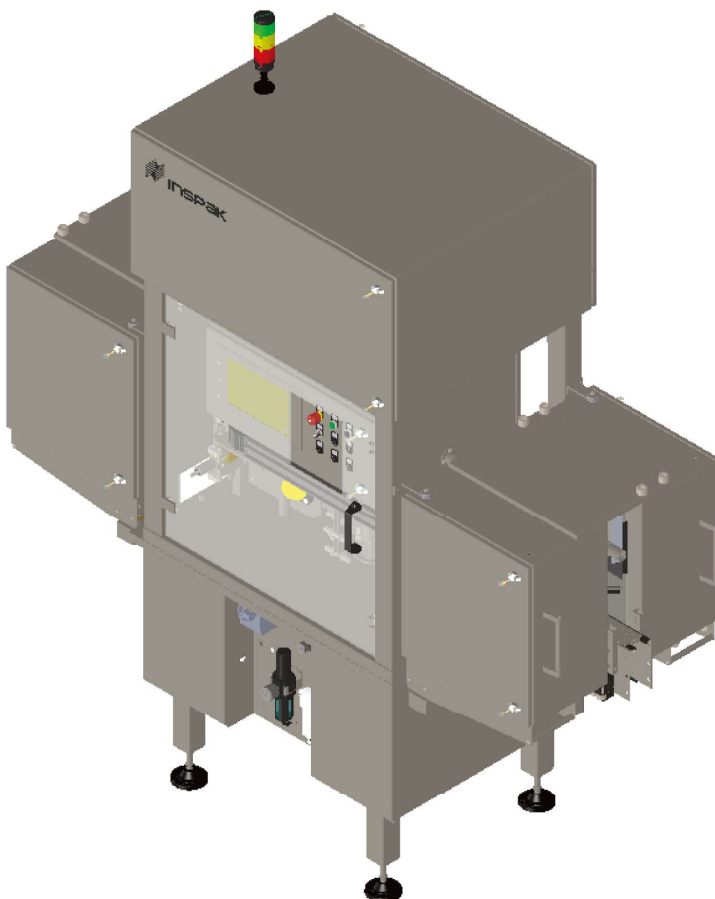
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All surface empty bottle inspector
Up to 6 cameras

- Base inspection
- Finish inspection
- Sidewall inspection
- Residual caustic inspection



INSPAK *Tera* empty bottle inspector optimize overall production line efficiency, avoid product waste and ensure customer satisfaction by detecting base, sidewall and finish imperfections in empty glass containers, as well as foreign objects, residual liquid and much more.

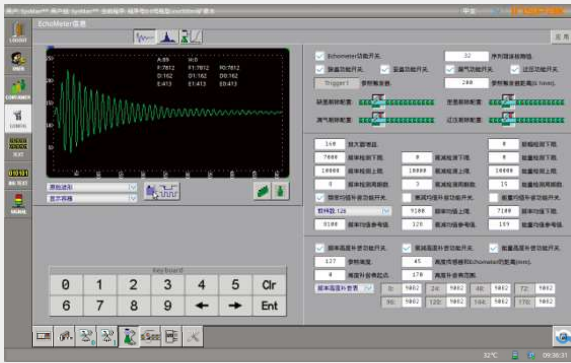
By ensuring the highest levels of product safety and quality, you can protect consumers from substandard products and minimize the risk of recall.

This system meets the requirements of small and middle-size breweries and beverage manufactures for optimal inspection on small space at low cost.

- Features:
- Modular design with small footprint
 - Reduce jams and rejects of filling products
 - Increase the line efficiency
 - User friendly HMI
 - Low operation cost
 - Production speed up to 48,000 bph



INSPAK *EchoMeter*



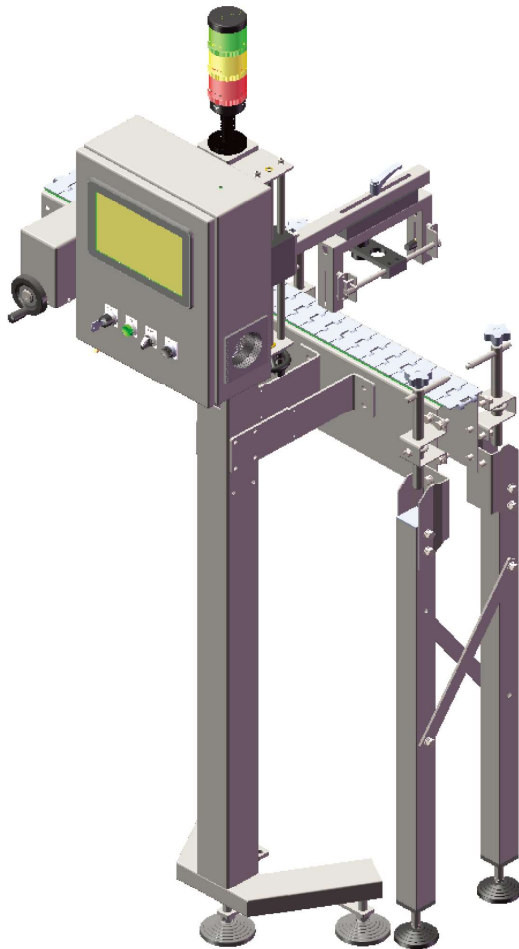
Crown cork leakage inspection
with sound evaluation technology

Over pressure

Leakage

Deform

Crown cork absence



INSPAK *EchoMeter* is special designed for CO₂-containing glass bottles with crown caps . The system can detect pressure, leakage. It ensures improved quality control, increase efficiency.

The Advantages

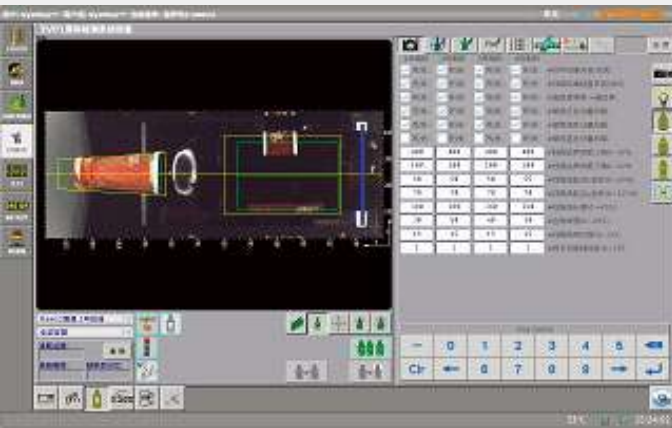
Small footprint

Easy operation

Speed up to 72,000bph



INSPAK *LabelView360*



360° label inspection on the conveyor with 4 cameras

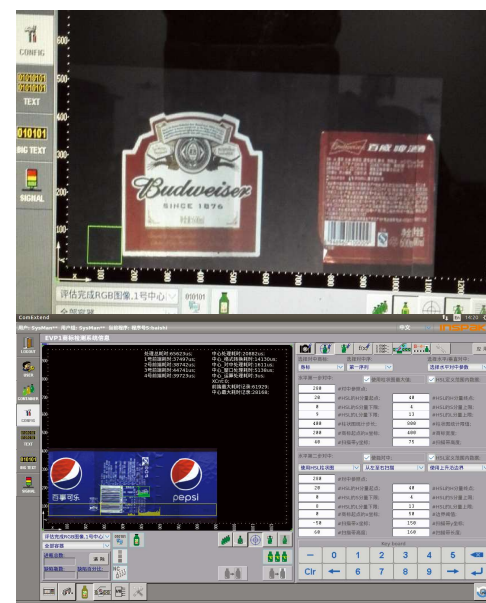
- Label presence
- Label inverted
- Label position and slant
- Wrong labels
- “Dog-ears”
- label shifts / overlaps

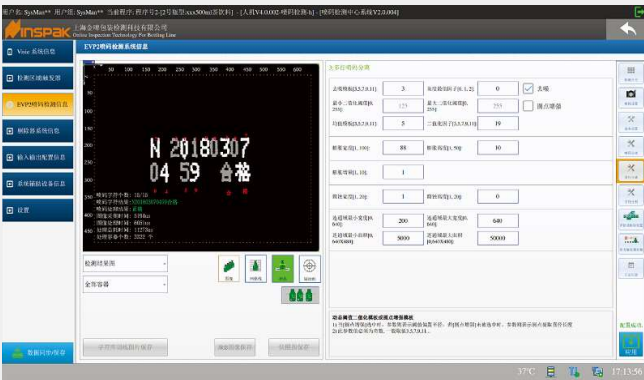


INSPAK *labelView360* is a label inspection system for non-oriented bottles. This image process system uses advanced vision algorithms to measure the parameters and characteristics of each bottle to identify inconsistencies or defects.

The Advantages

- Inspection on the labeler outfeed conveyor
- No need orientation of the bottles
- Small footprint
- Simple format change
- Ease of cleaning
- Low maintenance cost
- Speed up to 50,000bph





Date code inspection with camera technology

- Code presence
- Code completeness
- Code legibility
- Code correctness

The Advantages

- space-saving full container check device
- high-tech entry-level devices at an unbeatable price / performance ratio
- compact complete solution comprising innovative detection technologies
- in-house developed hardware and software and proven procedures for highly precise product tracking, inspection and fault rejection
- easy to integrate stand-alone system with flexible detections directly at the conveyor
- speed up to 120,000 cph
- pneumatic or super-highspeed electric rejector





Empty Bottle Inspection
Fill level Inspection
Leakage Inspection
Label Inspection
Closure inspection
Date code inspection
Full carton inspection

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Start from 2007, INSPAK providers of inspection technology in the beverage filling industry . INSPAK's innovative solutions inspect for many empty and full container defects, including empty bottle, fill level, pressure, closure, glue-on or shrink sleeve label, and full carton inspection.