Cap Inspection System – ALPHA CIS

This **cost-efficient and effective** cap inspection solution enhances product quality, safety, efficiency, and customer satisfaction.

By leveraging data collection, it **optimizes processes** and **minimizes waste**, ensuring a smarter production line.

Additionally, its **easy setup** and ease of use lead to satisfied technicians and a seamless integration into your production line.

Benefits

Enhanced quality control

Identify faulty or improperly closed containers, improve product quality and safety while meeting regulatory standards.

Improved efficiency

Automate cap inspection, reduce labor costs and improve production efficiency.

Reduced waste

Remove faulty containers early, reducing waste and production costs.

Benefits

Increased customer satisfaction

Improve product quality and customer satisfaction, building brand loyalty.

Data collection and analysis

Enable data collection and analysis to optimize production processes, improving efficiency and quality.

Application

Proximity sensory for metal caps

- Jars with twist-off caps
- Bottles with crown cork and other metal caps
- Beverage Cans
- Food Cans

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Detection

Cap Integrity

- Damage
- Deformations (bull nose caps)
- Fit
- Absence

Vacuum

- Missing vacuum

Pressure

- high pressure
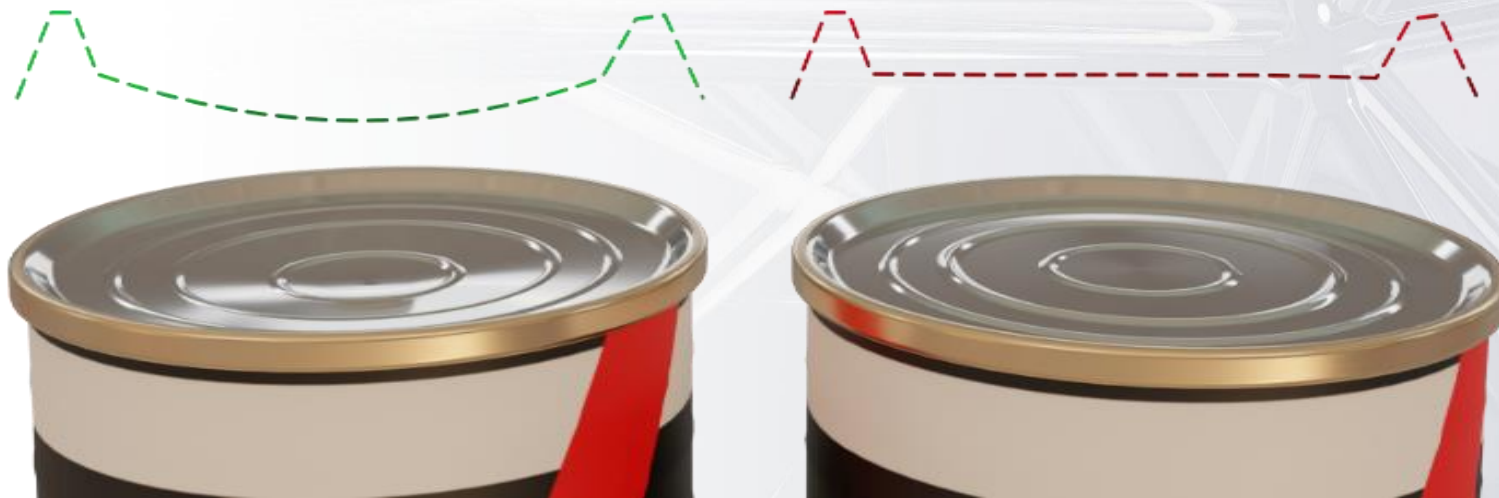
- missing pressure

Process

The CIS (Cap Inspection System)
uses a proximity sensor to measure the distance of the closure to the sensor at multiple measurement points as the container passes through the measurement bridge.

The smart algorithms define whether the surface of the closure is within the set target values.

Containers that are not within the target values are rejected by the integrated tracking system at the appropriate rejection point.

Features

Up to **144,000** containers per hour
Intelligent inspection bridges
  • Works even if the control unit fails
Integrated tracking
Operation & visualisation via
  • 10"display, PC (LAN), Tablet or smartphone (WLAN)
Easy teach-in
Advanced statistics
Connectivity with other BBULL systems
Multi-line concept
Cascadable- & expandable
Remote maintenance
Very compact design
Height adjustment with spindle/servo

Expansions

Fill Level Inspection
- **Alpha X**

Label Inspection
- **IMAGE 360**
- **IMAGE 120**

Recommended Rejection System
- **PUSHER** – Pneumatic/Servo rejection system
- **BOS** – Servo-Driven rejection system

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Take the Next Step!
Request Further Information Today

Contact us to learn more about our system and how it can help your business succeed. Our team of experts is ready to answer any questions and provide you with a personalized solution.

Don't wait, make a call or send an email today and learn about the difference our system can make!