



We keep an eye on your quality

The Gatekeeper - mixed label inspection



3P Cans



2P Cans



Bev-Can

ibea Vision Inspection Systems

Inspection - simple and reliable

ibea provides inspection systems to secure the highest product quality on your lines – built up modular, future safe and flexible. ibea has always taken a strong focus on stable and maintenance-free systems to assure a smooth and reliable around-the clock production.

As a system integrator we have a professional full service including consultancy, training and remote support.

ibea values the highest quality requirements to our systems which assure you a well functioning production. To accomplish this we make sure that our components comply with the highest industry standards and secure system stability in harsh production environments for a long-lasting, maintenance-free, around the clock performance.

ibea inspection systems differ in comparison to those of others in that they are extremely customer and product-oriented in their hard- and software design.

We focus on:

- Highest quality standards
- Easy handling
- Automatic setup
- Worldwide remote support
- Free software updates
- Fast spare parts service
- Quick response time and local support

The Gatekeeper

One of the newest inspection systems added to the ibea product range is the Gatekeeper for mixed label inspection.

Features

- Detection of mixed label
- Detection of upside down label
- Detection of major defects
- Minimize the risk of HFIs
- High performance system (3.000cpm) for an attractive price
- Ultra-compact (& stainless steel) design for small footprint
- Remote control
- Auto teach for ease of use



Inspection for 2 and 3 piece cans

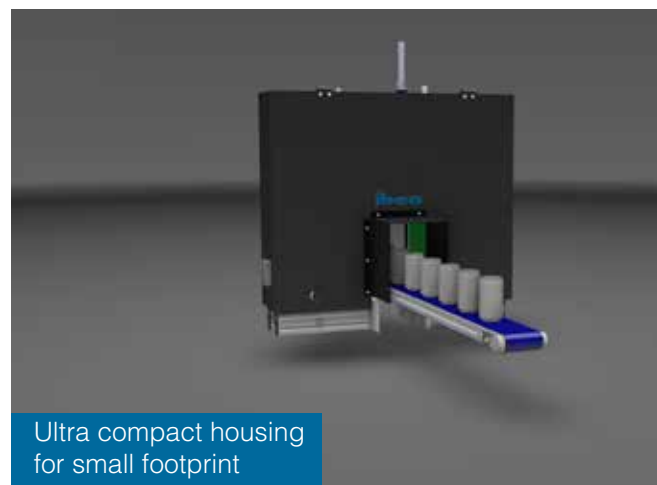
Ibea's gate keeper is an easy to use and reliable inspection system for the detection of mixed, upside down label, major defects and color deviations for 2 and 3 piece cans. The gatekeeper is able to inspect cans up to 3000 parts per minute. The known ibea software with our new inspection-plus-walk-by-screen feature make the gatekeeper the tool to have. It will give you the production supervision you need to minimize mixed label HFI's on your line and prevent the risk of mixed label in the shelf of your customer. Additionally, the gatekeeper works without the need of long and challenging training by using the auto teach function.

The software provides a huge range of features like all needed statistical tools, user management, PLC communication or remote control for your supervision from a far-away office or the help of our superior service department if needed. The system is working with 2 high resolution color cameras (one from each side) for supervision of 200° of the can (100 from each side). This setup allows even the supervision of cans with almost no spacing.



Gatekeeper in production plant

The system has an ultra-compact all in one and stainless steel design and will be mounted directly onto your conveying system for a small impact on your line. All needed components like part detect, encoder or air-condition will be shipped with the system so it is ready to go out of the box and be installed on your line.



Ultra compact housing for small footprint

ibea - product quality systems

Testing methods applied by ibea systems

- Standard image processing applications:
inspection by camera of surface, texture, geometry, shape and dimensional accuracy, color, 2D and 3D measurement, holographic imaging, roughness, measurement of position and torsion, leak tightness
- Image processing, special applications:
Heat-flow thermography by direct application of heat or ultrasonic initiation for structure checks, crack detection or the detection of other anomalies; UV light for fluxing agents or coating checks — crack detection, X-Ray
- Acoustic inspection:
initiation by a hammer system
- Eddy current measurement:
castings

What ibea systems inspect

- Ceramic tubes, ceramic insulators
- NoX sensors
- Sprinkler glasses, sprinkler bodies
- Glass ampoules, plastic ampoules
- Syringes, syringe parts
- Laparoscopes, biopsy forceps
- Catheter, artery tubes
- Toothpaste caps or shoulders
- Blister packaging, before sealing:
two-sided and for filling
- Tablets - color, cracks, size
- Silicone sealings and plastic sealings
- Metal packaging
- Plastic packaging
- Heavy ceramics and fine ceramics

Put our know-how to the test

Feel free to send us samples of your faulty products that need inspection. Please give us a short description of your conveying system, possibly including photographs. Please also include conveyor speed and part rate. We will prepare a comprehensive offer specified to your needs, including needed accessories — all for an attractive price!

About ibea

ibea develops and implements inspection systems for a perfect quality check — modular, future-proof, and flexible. It is our aim to ensure a trouble-free production around the clock. Our focus is on producing systems, which are stable and maintenance-free. As a systems integrator we offer you comprehensive professional service from consulting to implementation.