

# i-CAN

*An extremely accurate vision system  
in detecting can imperfections*



## EMPTY CAN INSPECTION

The most reliable inspection system in detecting foreign objects and defects on the seal, bottom and inner sidewalls of food and beverage cans. Ensuring ideal conditions for the filling and sealing process, up to 60,000 cans/ hour.

**QUBBER**  
INSPECTION SYSTEMS

# i-CAN

## Inspections

### Omni-view module

1st inspection, Seal:

- ▶ Ovalization
- ▶ Dents or defects
- ▶ Can upside/down

2nd inspection, Inner sidewall:

- ▶ Foreign objects
- ▶ Dents
- ▶ Lack of protecting film on the welding
- ▶ Wrong folded can (The coated surface is outwards)

3rd inspection, Bottom:

- ▶ Foreign objects
- ▶ Dents

### Flange module – detailed seal inspection

- ▶ Ovalization
- ▶ Seal dents down to 0,5mm
- ▶ Can upside/down

### Base module – detailed bottom inspection

- ▶ Opaque or semi-transparent foreign objects down to 1x1mm size
- ▶ Dents inspection with high sensitivity

## Special characteristics

- ▶ Compact system with one inspection module (i-CAN 2000)
- ▶ Expandable system with up to three inspection modules (i-CAN 3000)
- ▶ Fully parameterized system
- ▶ Simple integration into existing or new production lines
- ▶ Height adjustable to different products
- ▶ Low operating cost
- ▶ Remote access and technical support
- ▶ 18 months warranty
- ▶ Based on QUBBER EYE Q holistic vision platform

## Options

- ▶ Data exchange
- ▶ Statistical software QUBBER Q-Report
- ▶ Vacuum or magnetic conveyor, if requested
- ▶ Rejection device



## Specifications

Ambient Temperature	0°C to 45°C
Ambient Humidity	95% RH or less (non-condensing)
Inspection Unit Construction	Stainless steel and aluminum
Image Acquisition Sensors	High-resolution industrial cameras
Processing Unit	High performance industrial computer
HMI	15" industrial touch screen
Lighting	Long- life LED lighting
Electrical requirements	120-230 VAC, Single Phase,300W
Operating Performan	Up to 60,000 items/hour