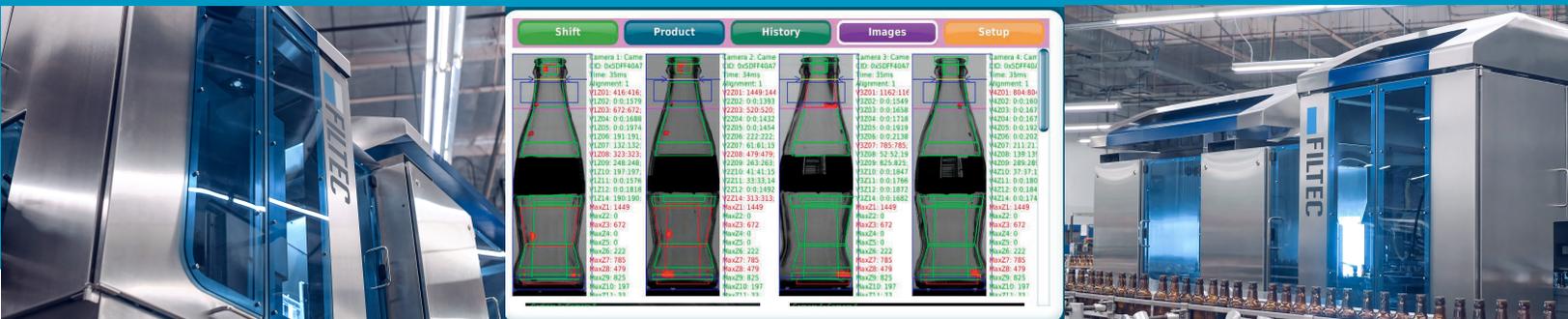




OMNIVISION 4 WITH INTELLECT

Enhanced Empty Bottle Inspection of Glass and Returnable PET Bottles





Meet The Next Evolution Of Empty Bottle Inspection

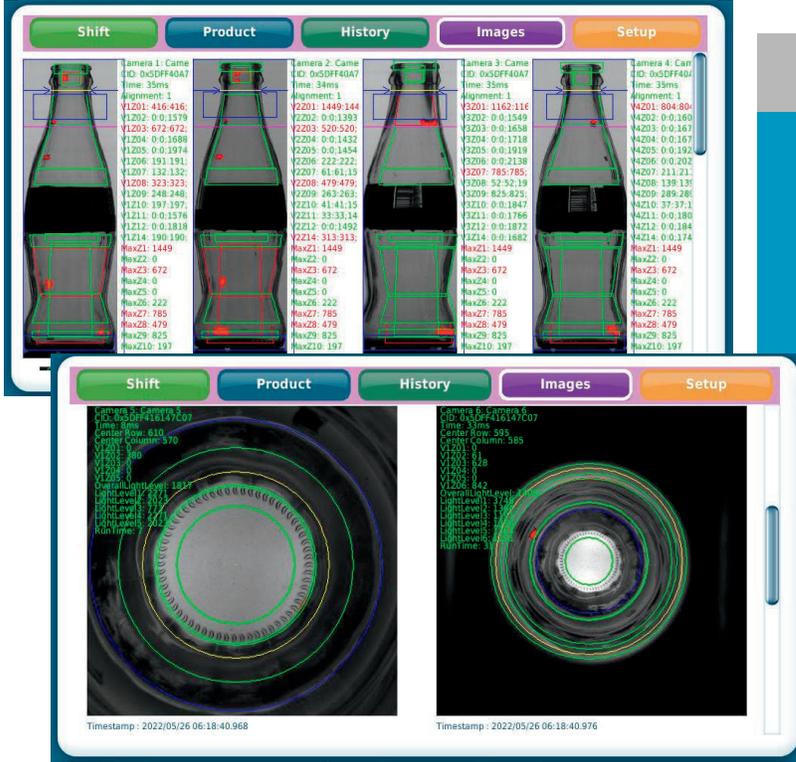
The FILTEC OMNIVISION 4 (OV4) with INTELLECT combines the benefits of FILTEC's advanced empty bottle inspection technologies with the INTELLECT platform, providing best-in-class inspection performance and user-friendly operation.

Key Benefits of the Solution:

- The power of the Intellect control platform provides an intuitive user interface, data analytics, factory connectivity, and more
- Simple and cost-effective integration into existing production lines
- Quick change over in less than 5 minutes with built-in storage
- Unobstructed 360° Outer Sidewall inspection
- Superior image quality
- No back pressure or complex line controls



New OMNIVISION 4 Features Include:



New INTELLECT User Interface

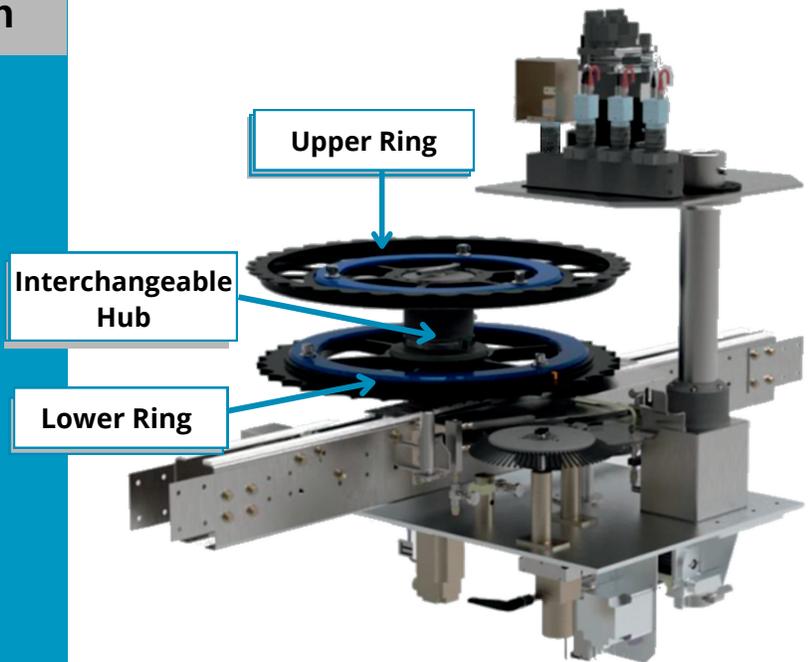
The OV4 now operates using the FILTEC INTELLECT inspection platform. INTELLECT is a unique container inspection platform designed to track, monitor, and report on container quality through each step of the entire packaging process.

The integration with INTELLECT provides many benefits, including:

- Easy to use – 19" touchscreen with smartphone look and feel
- Same Interface for all Filtec inspection devices on the line
- RFID Login
- Remote Access (Optional)
- Coded Test Bottle Tracking

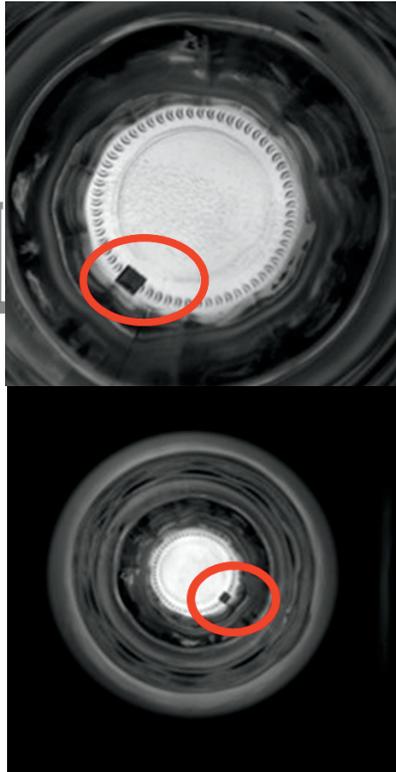
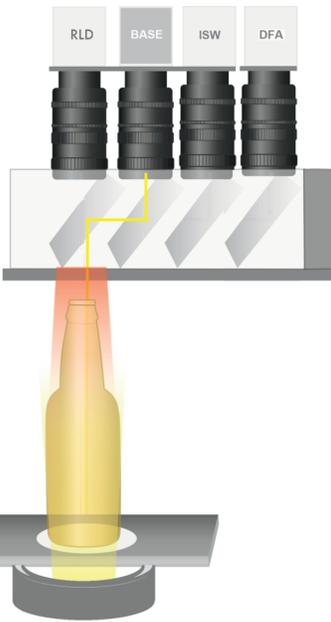
Improved Starwheel Design

- Simplified lightweight starwheel change parts weigh five pounds and can be replaced by a single operator in minutes
- Provides stable and precise positioning of each bottle for the inspection of the base, inner sidewall, finish, and thread
- Improved image quality
- Tool-less changeover
- Local change part storage



Learn More about the Omnivision 4 with Intellect at: www.filtec.com/products

New OMNIVISION 4 Features Include:

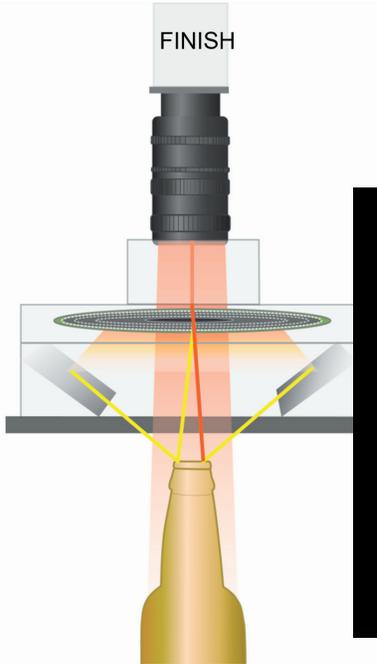


Residual Liquid (RLD), Base, and Inner Sidewall (ISW) Inspections

- New quad tower adds optional Dark Field (DF) inspection targeted specifically at detection of polarizing films
- Enhanced IR sensor for detection of residual liquid in base of the bottle
- Base, ISW, and DF provide superior image resolution for detection of foreign materials



New OMNIVISION 4 Features Include:



Finish and Thread Inspection

- Separate optics and lighting provide an improved Finish and Thread inspection
- The solution uses high resolution and high bit-depth cameras to detect chipped finish, damaged thread, and wire edge defects, ensuring inspection accuracy and reduction of false rejects



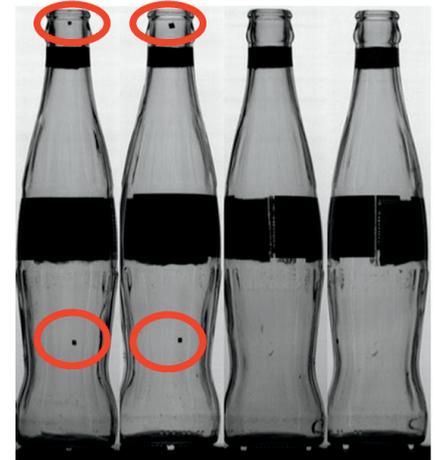
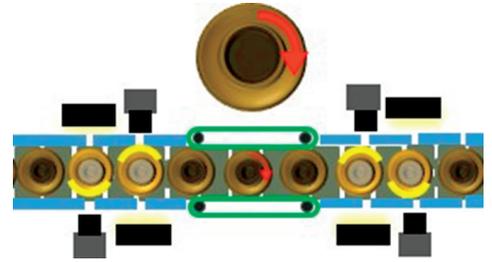
Learn More about the Omnivision 4 with Intellect at: www.filtec.com/products

New OMNIVISION 4 Features Include:

LINESCAN Outer Sidewall Inspection

The OV4 with Intellect introduces new LINESCAN Outer Sidewall inspection technology ensuring unobstructed 360° inspection coverage of the bottle surface. Additional features for outer side wall inspection include:

- Unobstructed view of outer sidewall
- LINESCAN coverage of 110° per camera view ensures detection of defects
- Side Grip Conveyor rotates bottles 90 degrees between inspection modules
- Consistent and uniform lighting on the entire bottle
- 4X enhanced resolution ensures incredibly accurate detection of defects, with reduced false rejects



Integrated Rejection System

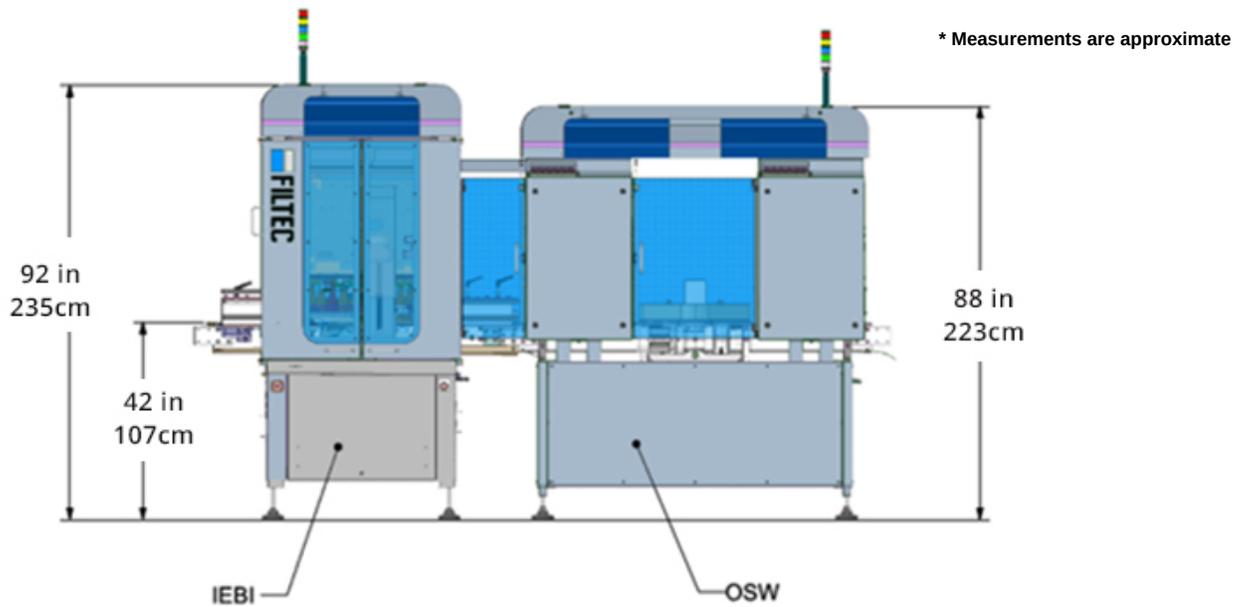
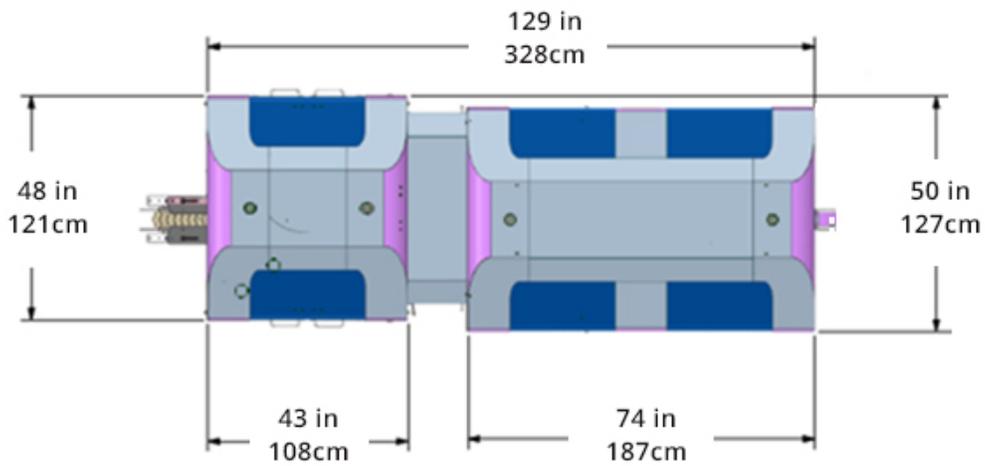
The OV4 with Intellect integrates with FILTEC's Finger Rejector system - the perfect choice for sorting and upright rejection of Empty and Full Containers. The solution provides:

- Multi-finger, state-of-the-art electropneumatic controls
- Proprietary logic control
- Encoder based tracking
- Accommodates a large range of container diameters
- Operates at speeds of up to 73,000 per hour
- Low maintenance

Servotec or Slat Reject systems are available on request.



Omnivision 4 Dimensions



Scan to learn more and watch a video of the Omnivision 4 in action



Learn More about the Omnivision 4 with Intellect at: www.filtec.com/products

Company Overview

Delivering Superior Inspection Solutions for Over 60 Years



THE FILTEC ADVANTAGE

30,000+ *Systems Shipped*

24_{HR} *Typical Response Time*

81 *Countries Served*

20+ *Languages Spoken*

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