



# Cap Inspector

100% quality control of capped bottles



# Cap Inspector

## Inline solution for inspection of caps

**Cap Inspector** is a user friendly solution for checking the quality of capping on automated bottling lines. The system features inline smart cameras that acquire images of every passing product and then inspect their quality.

## What is Cap Inspector?

**Cap Inspector** is a fully automated inline inspection system that uses smart cameras and the machine vision industry's most advanced inspection software to:

- Check for missing caps
- Check for correct cap colour
- Check for loose caps
- Check for skewed or cross-threaded caps
- Check for presence of foil in the cap (optional)
- Check for presence of label on bottle (optional)

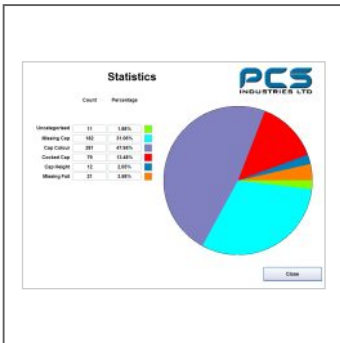
## High-Speed Reject Control

**Cap Inspector** works seamlessly with the PCS High-Speed Reject Unit. A sequential staggered finger design allows for precisely timed rejection of failed bottles at speeds of over 500 bottles per minute.



## Intuitive Touchscreen Interface

**Cap Inspector** affords the user a powerful inspection solution but keeps operator interaction to a simple, touch enabled and menu driven interface. The majority of users can master the operation of the system with little or no training. It is the ease of use, coupled with a robust and reliable inspection that guarantees production acceptance.



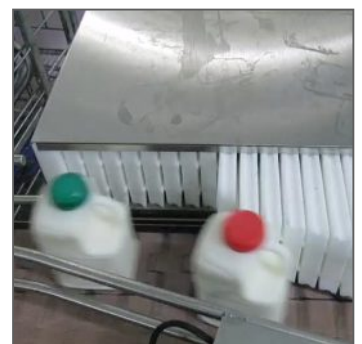
## Customer Comment

*"The systems have proven to be robust and reliable and are incredibly easy to use. We have seen a significant decrease in customer complaints from leaking bottles and the systems have required little or no adjustment or maintenance."*

Packaging Area Engineering Manager - Dairy Crest (Currently have 12 systems installed)

## Cap Inspector at a glance...

- 100% quality control 24/7
- easy to use touchscreen interface
- customisable to individual requirements
- password protected access levels
- new bottle types and cap colours easily added
- industry standard communication for networking
- IP66 stainless steel construction
- automatic height adjustment for fast and accurate product change-over
- individual statistics for all failure conditions
- high-speed shift register precisely tracks bottle position
- easily integrated into existing conveyor system
- feedback to upstream machines for alarm conditions
- expandability for additional failure inputs and alarm conditions.



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