



100% Online high-speed inspection of caps at a speed of 22,000 caps per hour

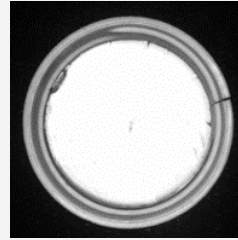
## Key Benefits

- ✓ **Automation** enabling 100%, high speed inspection, resulting in assured quality, repeatability and reliability.
- ✓ **Huge Savings** in Labour cost resulting in faster payback on investment.
- ✓ **Customised** reporting to enable compliance.
- ✓ **Onsite and online service** and training Support.

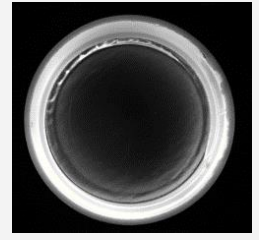
## Defects detected

- **Cap Defects.**
  - ✓ Extra material, Flashes on the cap
  - ✓ Short Moulding
  - ✓ Cap breakage
  - ✓ Inner Cap breakage
  - ✓ Cap diameter and ovality
- **Liner defects.**
  - ✓ No liner
  - ✓ Double Liner (With Laser Option)
  - ✓ Liner Misalignment
  - ✓ Damaged Liner
    - a. Liner Without Silver Foil
    - b. Half Moon

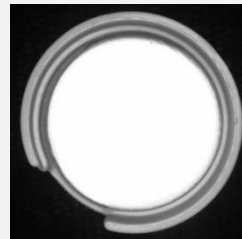
## Defects Detected



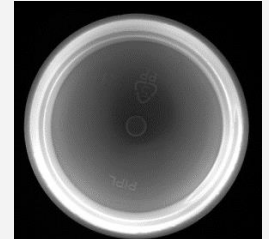
Cap Breakage



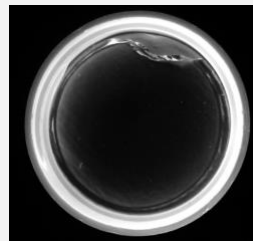
Flash



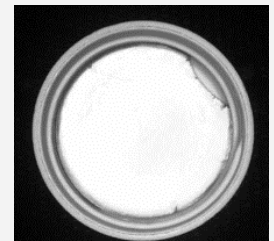
Short Moulding



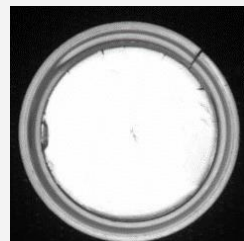
No Liner



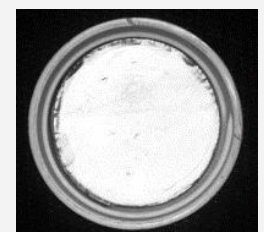
Double Liner



Liner Misalignment



Liner Defect

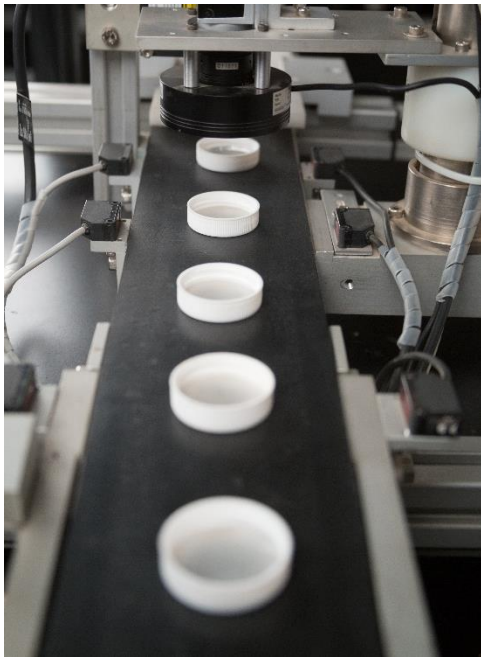


Foil Folding

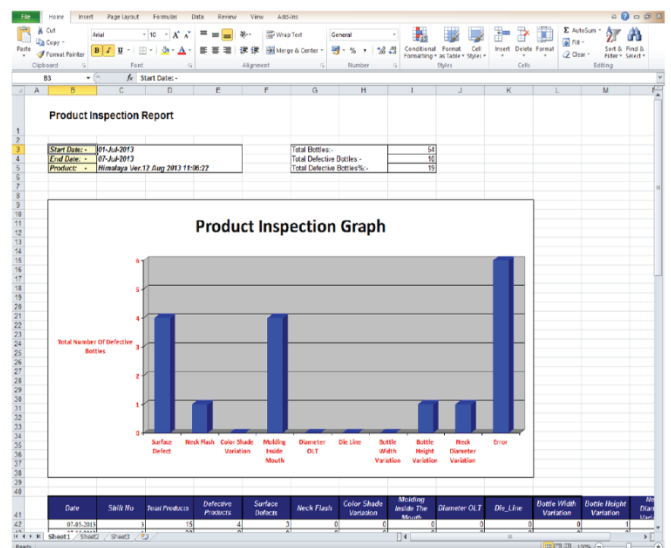
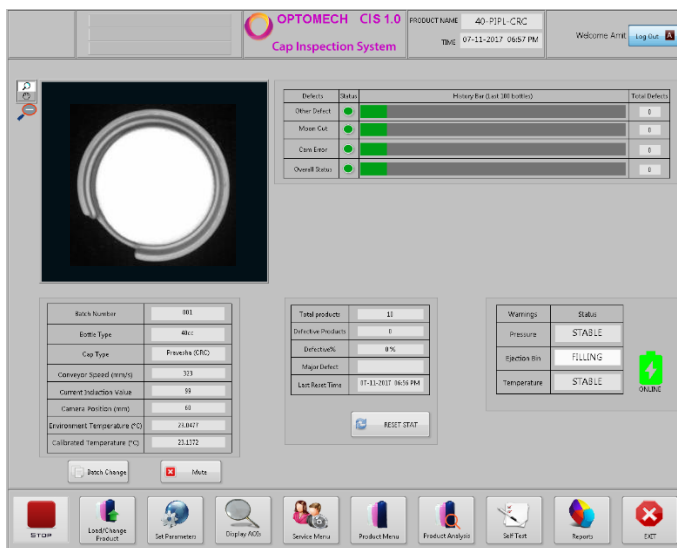
# CIS – ONLINE CAP INSPECTION MACHINE

High speed online inspection of pharmaceutical closures

## Salient Features



- ✓ High speed, machine vision camera, precision optics and customized lighting for clear, high resolution imaging.
- ✓ Operator friendly large screen touch screen interface, displays the images of the caps as they are passing through, rejected caps images are saved for future reference.
- ✓ Inspection Screen displays graphically the last 100 defects detected to enable operator to discover and fix potential problems in real time
- ✓ Easy to define tolerances allows the user to set acceptance/Rejection Criteria as per customer's Specifications
- ✓ 3 Level access control for User, Supervisor, Administrator thru separate passwords
- ✓ Reports as per user defined frequency can be generated.
- ✓ Remote access to the systems to enable online support.



Some of our esteemed customers



**OPTOMECH**  
Your Quality Our Vision

Optomech Engineers Pvt Ltd  
3A Type II, I.E Kukatpally, Hyderabad 500072, Telengana, India.  
Ph: +91 40 23078371 sales@optomech.in [www.optomech.in](http://www.optomech.in)

We reserve the right to modify the product specifications, in the interest of product development