



100% Online high-speed inspection of Eye dropper bottles at a speed of 14,000 Bottles 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

- ✓ Mouth Flash
- ✓ Flashes/extra material
- ✓ Black Spots, material inclusions, burn Spots
- ✓ Groove Shear (Major)
- ✓ Oil contamination (Major)
- ✓ Holes and thin walls
- ✓ Side Weak
- ✓ Incomplete blowing or bottle shape variation
- ✓ Parting line flash
- ✓ Discoloration (Major)
- ✓ Double Shot
- ✓ Preform
- ✓ Shrinkage
- ✓ Short fill
- ✓ Mixed product separation
- ✓ Holes/ bottom burst
- ✓ Thin wall/ bottom weak
- ✓ Bottom Logo Missing
- ✓ Bottom flash
- ✓ Bottom bulge
- ✓ Ratchet not blow
- ✓ Neck Contamination

Typical Defects Detected



Short Fill



Double Shot



Bottom Weak



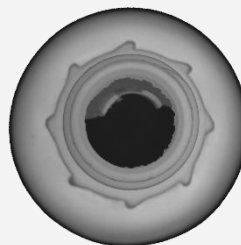
Contamination



Ratchet not formed



Mouth Pulling



Inside Material



Contamination on the base

OPTOMECH

Inspection - Sorting - Reporting

Any kind of Eye dropper bottles

BIS – EDB INSPECTION MACHINE

High speed online inspection of Eye dropper bottles



Salient Features

- ✓ High speed, machine vision cameras, precision optics and customized lighting for clear, high resolution imaging.
- ✓ Operator friendly large screen touch screen interface, displays the images of the bottles as they are passing through, rejected bottle 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

ALPIA

Mullackal



SSF
PLASTICS

GOVILS GOPALDAS VISRAM & CO. LTD.
A WHO GMP Accredited Company

HETERO

HSIL

CREATIVE

PRAVESHA
Packaging... Life Like

Parekhplast
INDIA LIMITED

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Your Quality Our Vision

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