



Optovision Pvt. Ltd.

# MACHINE VISION

..... Fast....Reliable....Easy



## Pharma Application Lines

Blister Packing Lines

Strip Packing Lines

Cartoning Lines

Liquid/Dry Syrup Lines

Tube Filling Lines

Injectable, Vial, Ampoule Lines

Tablet / Capsule Container Lines

Aerosol Lines

Leaflet Folding Lines

Manual Packing Lines



- Utopia Optovision Specializes in offering Customized Machine Vision Solutions to Pharma Companies for dedicated applications.
- Part of the Utopia Group of Companies, Utopia Optovision Pvt. Ltd. adopts stringent Quality Management Practices in its Operations.
- Standing on an solid foundation of excellence, Utopia Optovision has the strategic and Engineering Capability to meet the complex needs of global pharma giants.
- Backed by a strong pan India support infrastructure, we offer a truly unmatched service experience to all our clients.
- With a number of successful installations in India and Overseas, we have found a strong foothold in a niche market.
- AT Utopia Optovision, we have the passion and the competency to rise to new challenges in Machine Vision Automation.

# Blister Pack Inspection System

Blister Pack Inspection System is Equipped with Latest Technology, Advanced Electronics & Elegant Design UTOBIS is the Most Reliable Machine Vision Series for Online Inspection of before & after sealing of the Blister.

## BIS 250 X

### OVERVIEW

- Advanced & User Friendly Image Processing Software
- High Resolution Color Camera for Defect Detection
- Powerful Lens for Optimum Zooming of the Object
- Customized LED Light Source for the Uniform Illumination of the Blister
- 15” Color Touch Screen IPC for the image setting and Image monitoring
- Pharma Grade SS304 & Aluminum Material of Construction
- 21 CFR Part 11 Compliance with Report Generation
- 3 Level Password Protection & Audit Trail

### INSPECTION OF

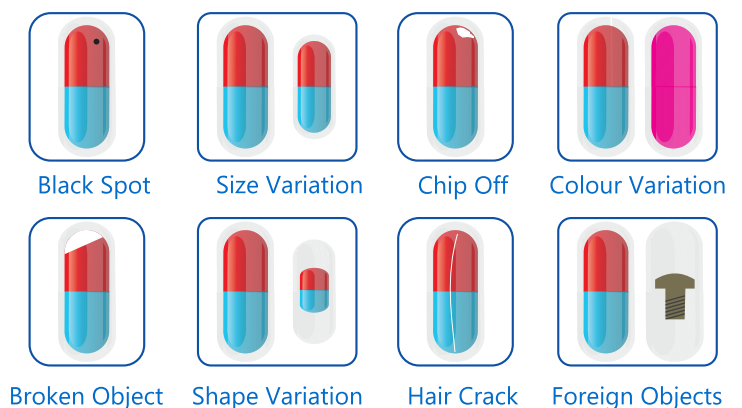
- Tablets, Capsules, Kit Product, Combo Pack, Ampoules- Vials and Syringes



### Defect Detection Capabilities

Defect	
Empty Cavity ( NFD)	✓
Broken Object	10 %
Size Variation	✓
Shape Variation	✓
Crushed Object	✓
Black Spot	✓
Chip Off	✓
Hairline Crack	✓
Off Centered Multiple Object	✓
Foreign Object	✓
Colour Variation	✓
Object Outside Cavity	✓

### SYSTEM CAPABILITIES



Colour Contrast between Foil and Tablet is Required for Defect Detection

### Foil Code Reader

The Add On Camera Integrate able to Utopia Make BIS for the Verification of the Bar Code, Pharma Code or Fix 2D Code on the Foil.

Inspection of -

- Bar Code
- Pharma Code
- 2D Code
- Serialized/Random 2D Code
- Over printed batch details (OCR/OCV)



## Code Reading & Inspection Systems (CRIS)

### CRIS 600 OZN

Revolutionary Optics Combined with Utopia's Advanced Image Processing Software; UTOSCAN is the Most Versatile Machine Vision series for Online Inspection Bar Code, Pharma Code or Fix 2D Code on the Foil, Label, Carton.

#### Overview

- Advanced & User Friendly Image Processing Software
- High Resolution Color Camera for Defect Detection
- Powerful Lens for Optimum Zooming of the Object
- Customized LED Light Source for Handling the Reflection
- 15" Color Touch Screen IPC for the image setting and Image monitoring
- Pharma Grade SS304 & Aluminum Material of Construction
- 21 CFR Part 11 Compliance with Report Generation
- 3 Level Password Protection & Audit Trail



Bar Code



Pharma Code



2D Code

### REJECTED

MRP :Rs.100/-  
BRATCH NO.:E  
MFG DATE :04/2010  
EXP DATE :03/2020

Missing Line

MRP :Rs.100/-  
BRATCH NO.:EPC TB01  
MFG DATE :04/2010  
EXP DATE :03/2020

Ink Smudging

MRP :Rs.100/-  
BRATCH NO:EPC TRO  
MFG DATE :04/2010  
EXP DATE :03/2020

Broken Character

MRP :Rs.100/-  
BRATCH NO.:EPC TB01  
MFG DATE :04/2010  
EXP DATE :03/2020

Distorted Character

MRP :Rs.100/-  
BRATCH NO:EPC B01  
MFG DATE :04/2010  
EXP DATE :03/2020

Missing Character

MRP :Rs.100/-  
BRATCH NO.:EPC TB02  
MFG DATE :04/2010  
EXP DATE :03/2020

Invalid Character

### ACCEPTED

MRP :Rs.100/-  
BRATCH NO. :EPC TB01  
MFG DATE :04/2010  
EXP DATE :03/2020