

V-Pixel

"Partner in Vision Inspection Systems"



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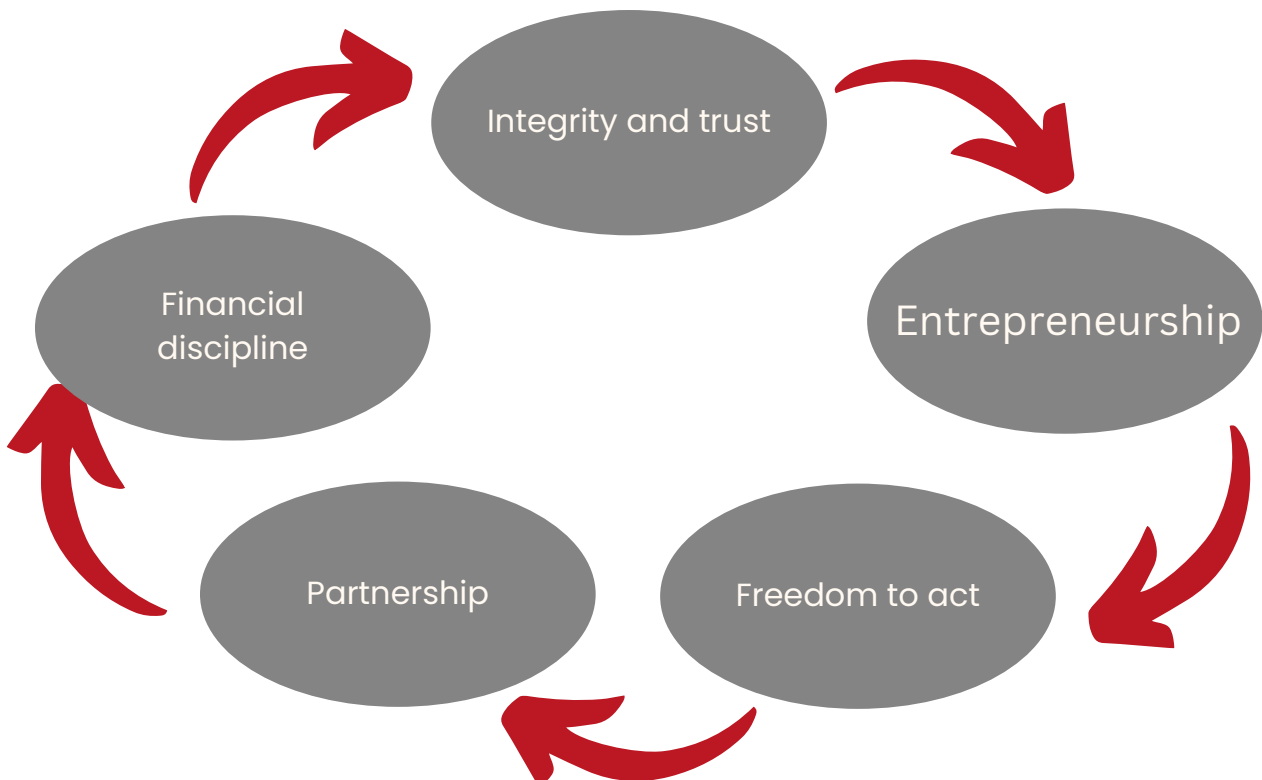


“Partner in Vision Inspection Systems”

About Us

We design and build highly reliable Vision Inspection Systems used for quality control in major industries. V-pixel helps clients to meet quality standards of their products using fully automatic vision Inspection Solutions. We, at V-pixel, are more focused on delivering high speed solutions, which are easy to use at operator level. V-pixel strives to be innovative in developing products & solutions that can add value to our customers' operations and to their brands. We Provide 24/7 Support to our customers. All our Systems are 21 CFR Part - 11 compliant.

Culture & Values



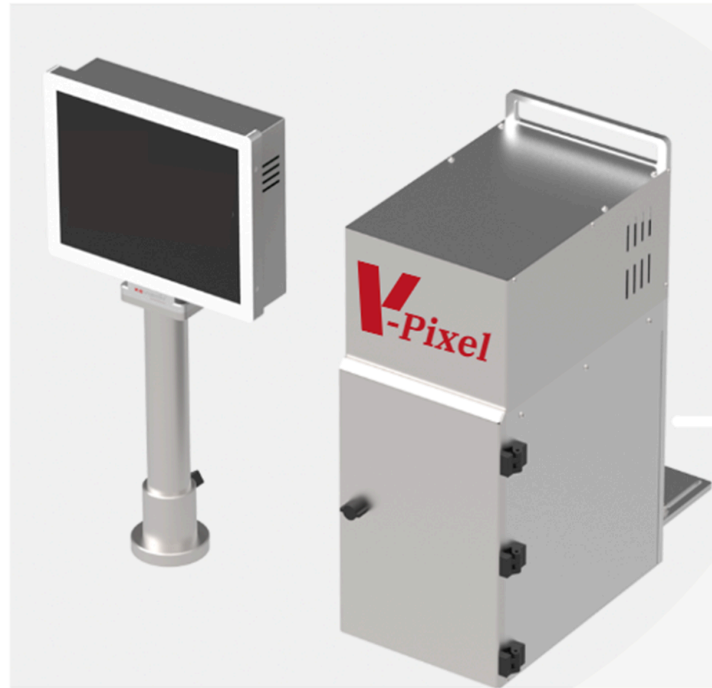


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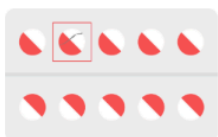
Our Products

- 1. Blister Inspection System**
- 2. V-Pixel Automatic De-Blistering Machine**
- 3. Pinhole detection System**
- 4. Vial Tray Counting System**
- 5. No Label Detection System**
- 6. Print Proofing System**
- 7. Cap Seal detection System with Fill Level inspection System for Bottles**
- 8. Label + Carton Inspection System (Barcode, Pharma-code, Data-code, OCV)**
- 9. Online Serialization System (For Folded Cartons: V1)**
- 10. Offline Serialization System (For UnFolded/ Flat Cartons)- VF1**
- 11. Bulk Aggregation System- BA600**
- 12. Check Weigher System**
- 13. Cartridge for all Inkjet Printer**

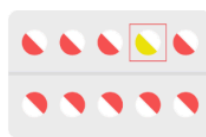
Blister Inspection System



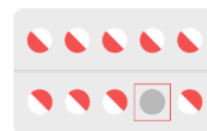
- High Resolution Camera System
- Multiple User levels Access, each secured with password protection.
- Touchscreen Monitor for Easy Configuration
- 5 Step quick job setting (within 2 minutes)
- Unlimited Template saving facility.
- User-Friendly GUI & Operation
- Minimum operator interference
- Easy retrofit on a wide range of blister packing machines
- Specially Designed Illumination for a combination of Various foils and products
- 21CFR Part 11 compliant



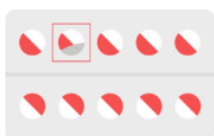
Broken or Half Tablet



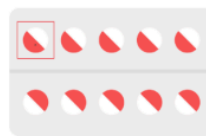
Color Difference



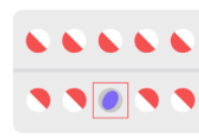
Missing Tablet



Oversized or Undersized



Particle



Shape Difference



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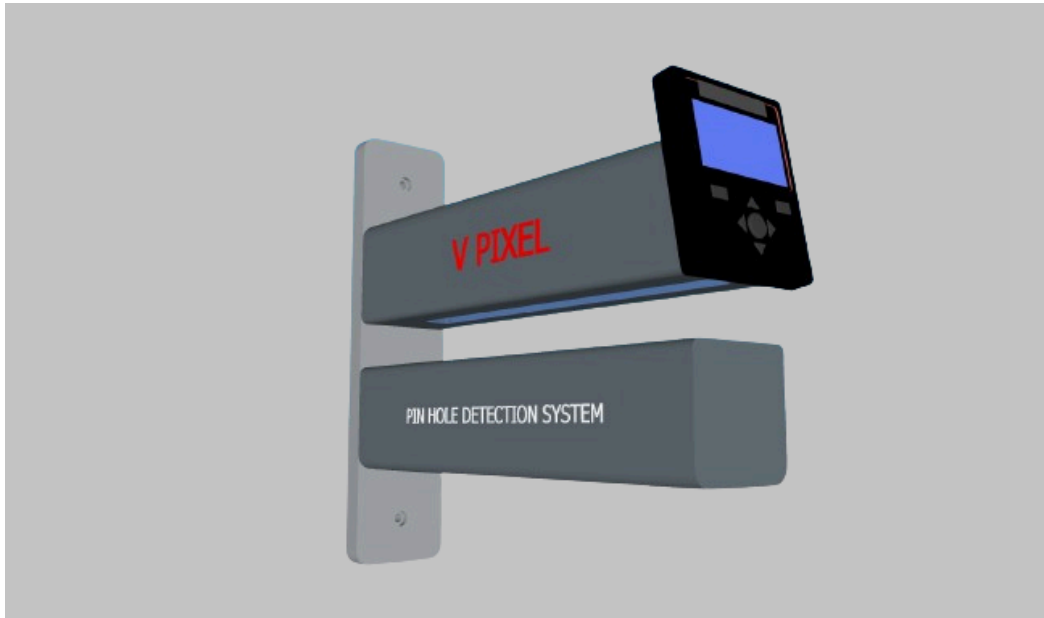
V-Pixel Automatic De-Blistering Machine



Features:

- **Automatic feeder.**
- **Compliant with cGMP norms.**
- **Universal type de-blistering machine, suitable for various types of blister packs.**
- **Compact design, with wheels for ease of movement.**
- **Ensures 100% recovery without damaging the product.**
- **Capacity of max. 50 blisters per minute (Variable speed available) .**
- **Easy to operate, user friendly.**
- **Automatic product separation from rejected blisters.**
- **Collection tray for recovered product.**
- **All the contact parts in SS 316 & non-contact parts in SS 304 & Alu. HE-30.**
- **Easy cleaning, hygienic, maintenance-free - changeover under 5min.**
- **21CFR Part 11 compliant**

Pinhole detection System



- Pinhole detection system for 10 μm sized pinholes, pores, fissures, foil fractures and cracks on aluminum blister packs at very high speed, impossible to be seen by human eyes.
- Sensitivity adjustable to detect up to 10 μm sized holes at the speed up to 1800 m/hr.
- Quick setup: "PLUG n PLAY" configuration with just 3 buttons
- Stand-alone System. No PLC/PC dependency for rejection
- Continuous self-diagnostics ensures 100% inspection reliability
- 21 CFR PART 11 compliant

Vial Tray Counting System



- High Resolution Camera.
- Standalone Portable Unit with smaller footprint. Can be place in any area.
- Includes label printer inside the unit for easy operations.
- Put the tray and label will be generated automatically with actual vial status.
- Peelable/Removable Label for easy process.
- Live monitoring for visual reference.
- High resolution camera for accurate counting.
- Compatible with any color and any size of vials.
- Feasible for tray sizes with Length & Width between 200mm-450mm.
- System saves each tray image for verification.
- Detailed batch report & Summarized Batch Report
- System can be connected to plant network for batch report printing and network backup.
- 21CFR Part 11 compliant.

No Label Detection System



- High Resolution Camera.
- NLDS Works on all types of bottles, vials, ampoules.
- The system can detect the presence of the label on the bottle.
- The system also checks if the label is applied as per expected position or not.
- If the label is applied to the upper side/ lower side beyond the limit, will get rejected.
- The system works on all types of labels.
- The system can be attached to any conveyor space with 300-400mm space.
- The system has an optional rejection system if the existing machine/conveyor does not have rejection mechanisms.
- 21CFR Part 11 compliant

Print Proofing System

<p>COMPOSITION : Each 5 ml. Contains Paracetamol IP 125 mg Phenylephrine Hydrochloride IP 5 mg Cetirizine Hydrochloride IP 2 mg Flavoured syrupy base q.s. Colour : Sunset Yellow FCF Dosage : As directed by the Physician. Storage : Store in a cool and dark place, protect from heat and moisture Keep medicines out of reach of children.</p> <p>SCHEDULE H PRESCRIPTION DRUG : CAUTION : Not to be sold by retail on the prescription of a Registered Medical Practitioner.</p> <p>Caution : Taking more than daily dose of Paracetamol may cause serious liver damage or allergic reactions. (eg. swelling of the face, mouth and throat difficulty in breathing, itching or rash.)</p> <p>Mfd. by: DSR Life Care Vill Gullarwala Baddi, Distt Solan (H.P.) 173205</p>	<p>Rx Aminov Paracetamol, Phenylephrine Hcl & Cetirizine Hcl. Suspension</p> <p>Amicold Plus Suspension</p> <p>Decongestant Anti-Allergic & Analgesic - Antipyretic</p>  <p>SYRUP 60ml</p>	<p>Mfg. Lic. No.: MNB/16/935 & MB/16/936 Batch No. : घान संख्या Mfg. Date : उत्पादन तिथि Exp. Date : अवसान तिथि M.R.P. Rs. : अधिकतम खुदरा मूल्य रु. Inclusive of all taxes सभी करों सहित</p> <p>SHAKE WELL BEFORE USE</p> <p>Aminov Marketed by: AMINOV HEALTHCARE (P) LTD Mascots, Times Square 7th & 8th floor, Andheri (E) Western Express highway Mumbai, MH-400069</p>
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- High Resolution Camera.
- Quickly establish product quality inspection standard recipe, which can be used as reference
- Automated job setup with user-friendly configuration.
- The operator can provide different tolerance levels for different regions hence assuring only critical defects will be rejected.
- The clear presentation of deviations and key statistical information – such as the defect heat-map - helps the operator to understand the location and origin of printing defects easily.
- 24X7 Remote Software Assistance
- 21CFR Part 11 compliant

Cap Seal Detection System with Fill Level inspection System for Bottles

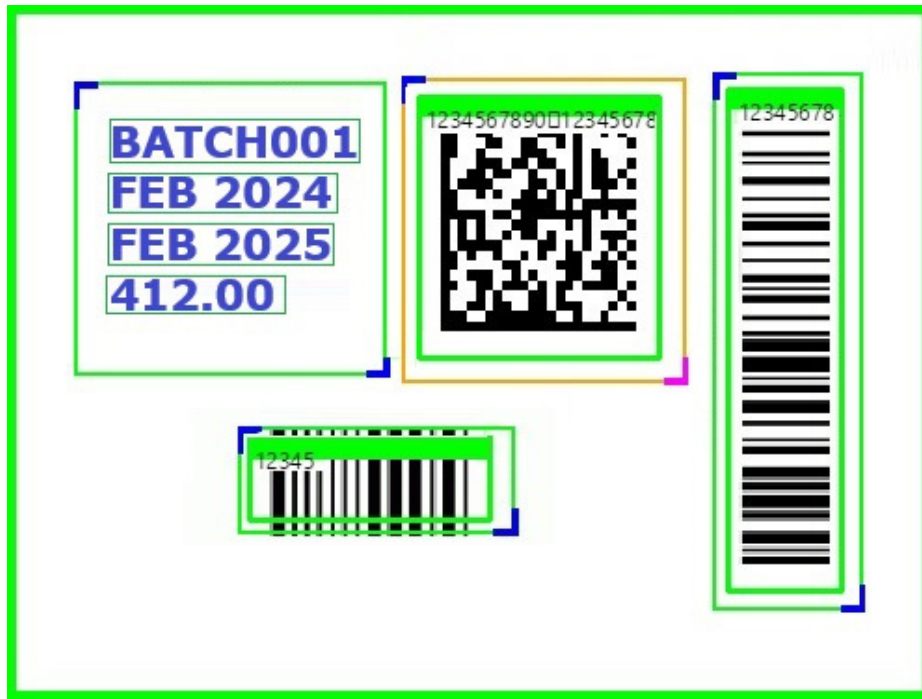


- High Resolution Camera.
- V-Pixel system can work with high-speed operation up-to 1000 parts/minute with 100% accuracy at high speed.
- Turnkey solutions
- V-Pixel Cap Inspection System is equipped with single camera as well as it can be developed with multiple cameras for 360-degree inspection of cap. We provide tailor-made solutions as per the product type and customer's requirement. V-Pixel installs the turnkey system over an existing production line, saving valuable plant floor space and installation time.

Fill Level inspection System for Bottles

- Through this Vision System, we can be able to know the correct filled volume of liquid /Dry syrup /Dry Powder in the Bottle.
- This System is mainly designed for the bottle/Liquid line.
- 21CFR Part 11 compliant

Label Inspection System



- High Resolution Camera.
- Barcode, Pharma-code, OCR. our universal vision inspection system capable of detecting and verifying all major barcodes, data matrix 2D codes, Pharmacode, batch details, logo check and artwork on all types of cartons and labels.
- It is Suitable for all types of cartoning and labeling machines.
- It provides Easy and flexible mounting of the camera.
- It has Smart OCR which is able to read all types of fonts.
- 21 CFR part 11 compliant



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Online Serialization System (For Folded Cartons: V1)

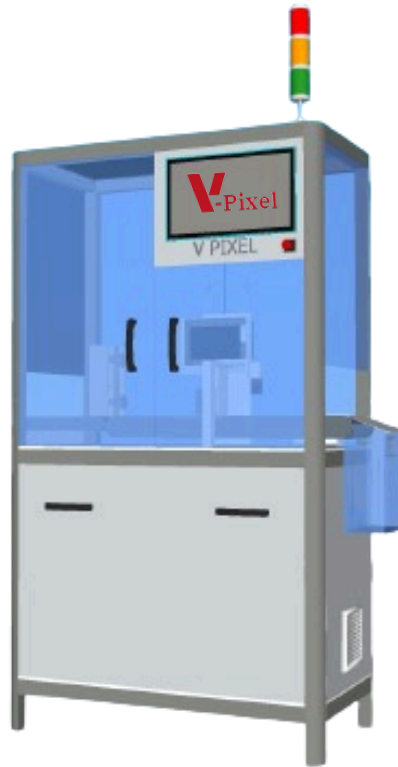


- **V-Pixel Online Conveyor System (V200) is suitable for high speed online carton printing, verification and rejection.**
- **Suitable for both offline and online printing & inspection of 2D and OCR codes.**
- **Easy to integrate within existing lines**
- **Accurate carton movement and high quality printing to guarantee the lowest rejections.**
- **Online print system supports all types of thermal inkjet printers.**
- **21 CFR Part 11 compliant.**



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Offline Serialization System (For UnFolded carton)- VF1



- Our state-of-the-art offline conveyor system suitable for both low and high speed online carton printing, verification and rejection.
- Compact, cGMP compliant machine design.
- Accurate carton movement and high quality printing to guarantee the lowest rejections.
- Easy to integrate within existing lines.
- Suitable for both offline and online printing & inspection of 2D and OCR codes.
- 21 CFR Part 11 compliant.



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Bulk Aggregation System- VA1



- **V-Pixel Bulk Aggregation System is used for top view inspection, Can easily be connected to our**
- **system, easy to handle yet highly effective with 99% fault reduction.**
- **Shipping level box inspection.**
- **High Resolution camera for inspecting large field of view.**
- **Layer wise multi level inspection possibilities.**
- **Can Inspect up to 150 2D codes in single scan.**
- **Our enhanced solution for box level inspection.**
- **Suitable for cartons, shrink wrapped cartons and bottles.**
- **Shipping code generation.**
- **21 CFR Part 11 compliant.**



"Partner in Vision Inspection Systems"

V-Pixel Check Weigher System





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V-Pixel Check Weigher System

Checkweigher for online dynamic weighing

Checkweigher is specifically designed to meet pharmaceutical Good Manufacturing Practice (GMP) standards, while delivering the highest level of accuracy and reliability with pneumatic air nozzle for Over/Under weight product rejection mechanism. Our checkweigher also complies with validation regulations like 21 CFR Part 11

MECHANICAL

- Servo driven weighing conveyor.
- Lateral guide rails
- Rejection bin, lockable

DIMENSIONS

- Conveyor width : 200 mm
- Working Height 800mm with Adjustable up-to +/- 50mm
- Weighing conveyor length: 300-500 mm
- Infeed conveyor length: 300-600 mm
- Outfeed conveyor length: 300-600 mm

ELECTRONIC

- Tower Light with buzzer for audio visual indication.
- Expandable product parameter memory
- PLC Controlled
- 7"/10" HMI Display
- Product & Rejection Sensor
- UPS

MONITORING

- Product flow control
- Pressure switch.
- Emergency stop

TECHNICAL DATA

- Load Cell type: Digital.
- Load Cell Certification: NAWI (OIML R76) & AWI (OIML R51 &R61)
- Product weight :1 g to 500g
- Displayed value: From $\geq 0.1g$
- Readability: 0.1g
- Standard deviation: +/- 1g
- Max. output: 150 pcs/min (Depends on product size)



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Global Presence





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Contact Us



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24/7 Service Support!!



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