

Genius[®] VISION SYSTEMS

3-Piece Can Inspection System



The most reliable, accurate, and simple to set up system in the world, guaranteed!*

Three-piece can inspection has always presented its own unique set of demands. The Genius System, featuring our proprietary tools, custom lighting and optic arrangements, addresses these issues and makes inspection easy as 1-2-3.

Our industry-leading, proprietary tools make setup remarkably simple. The system also easily addresses coating or material changes, and its optional motorized zoom lens makes size changes quick and easy to accommodate.



For world-class inspection capabilities that save you valuable time and cost, there's simply one solution. Genius. Only from Applied Vision, the global leader in machine vision for the food and beverage industry.

3-Piece Can Inspection System

Incorporating powerful yet easy-to-use algorithms designed specifically for the packaging industry, the Genius 3-Piece Can Inspection System brings you unparalleled inspection capabilities.

The system provides 100% inspection at line speeds, detecting defects and rejecting them off your line. Setup and operation are also vastly simplified by our proprietary tools and intuitive Touch-n-Go[®] user interface. These tools automatically ignore normal product and process variations while selectively amplifying the signal from defective areas. Integrated alarm functions also notify you of process trends so you can quickly identify and correct the cause, thus reducing waste and loss.

The system features automatic image intensity adjustment for each part. State-of-the-art illumination and NEMA rated enclosures also ensure the best possible image quality, plus the ability to withstand harsh industrial environments.



"Our Genius Vision System has improved our can-filling operational efficiency and capacity, increased our quality, and it is one of the most reliable tools we have in our plant."

Jeff Miller
Plant Engineer
Dean Foods

Detects:

- Weld seam • Dents • Flange • Powder stripe • Scratches • Coating void • Foreign objects • Grease and oil stains • Metal whiskers and more...

Features:

- Remote-mount flat-panel touch screen • On-line setup • Process feedback
- Digital IO/ alarms • Remote diagnostics monitoring and control
- Automatic image intensity adjustment for each part
- Solid-state lighting • NEMA rated packaging
- Ease of use: intuitive, simple terminology, easy-to-understand graphics

Get quick setup, 100% inspection at line speeds – and minimize costly spoilage. Look into Applied Vision's complete line of simply smart systems for food and beverage packaging inspection.

Specifications:

Environment:

- 0-45° C (32-113° F), Up to 90% Relative Humidity Non-Condensing
- Dual Vertical Dimensions: (28"w x 48"h x 14"d)
- Power: 120 or 230 VAC
- Air Requirements for Reject Blowoff: 410-550 kPa (60-80 PSI)

Communications:

- Digital I/O – Discrete Optically Isolated 8 Inputs and 16 Outputs
- Optional – Extended Configurable I/O for Results Export Feature
- Optional – Full Remote Operation Via Phone Modem or Network Connection



Specifications are subject to change without notice.



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