

Genius[®] VISION SYSTEMS

Shell Inspection System



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

The Genius Shell Inspection System incorporates powerful yet easy-to-use algorithms to provide unparalleled inspection capabilities. It is specifically designed for 100% inspection of shells at line speeds, detecting defects and rejecting them off your line.



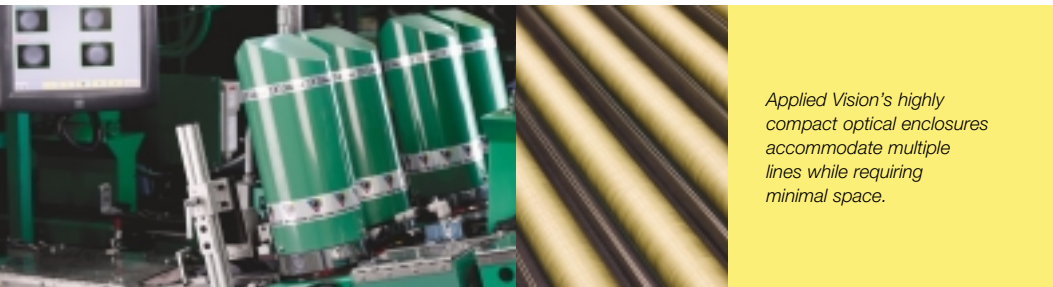
System setup is simple with our industry-leading, proprietary tools. These tools automatically ignore normal product and process variations while selectively amplifying the signal from defective areas. Integrated alarm functions also notify you of process trends so you can quickly identify and correct the cause, thus reducing spoilage.

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.

Shell Inspection System

The Genius system for shell inspection brings you powerful algorithmic functions designed specifically for the packaging industry. Setup and operation are vastly simplified by our proprietary tools and intuitive Touch-n-Go[®] user interface. Then Genius takes over, automatically detecting shell defects at line speeds and rejecting them off your line. *In many cases, multiple cameras can serve a single processor, resulting in significant per-camera savings.*

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.



Detects:

- Scrap in die • Contamination • Compound void
- Compound splash • Missing compound • Clip-out

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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