

Genius[®] VISION SYSTEMS



Plastic Cap and Closure Inspection System



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

The Genius Plastic Cap and Closure Inspection System incorporates powerful yet easy-to-use algorithms and digital megapixel technology to provide unparalleled inspection capabilities. It is specifically designed for 100% inspection of caps (from 25 to 100 mm) and closures 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 defects. Integrated alarm functions notify you of defect trends to help you quickly identify and correct the cause, and the system provides statistical information to support process control.

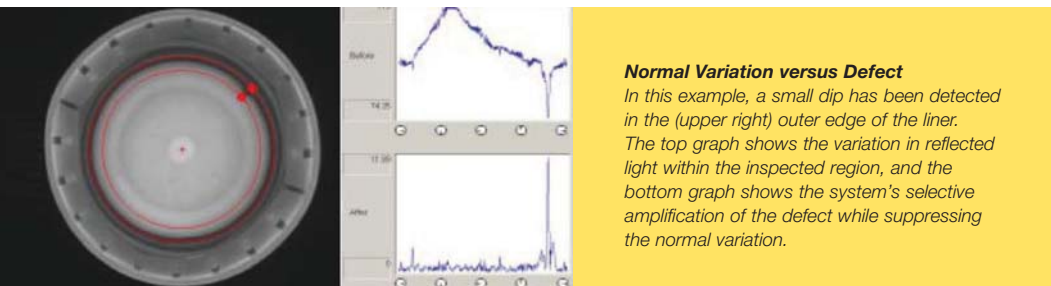
For world-class inspection capabilities that save you valuable time and cost, there's simply one solution. Genius. Only from Applied Vision, the global leader in machine vision for the food and beverage industry.

Plastic Cap and Closure Inspection System

The Genius system for plastic cap and closure inspection provides a powerful combination of exceptional accuracy and quick, easy programmability. Setup and operation are vastly simplified by our proprietary tools and intuitive Touch-n-Go[®] user interface.

Then Genius takes over, automatically inspecting caps and closures (prior to filling) at throughput rates of up to 3,300 parts per minute and rejecting defects from the line.

Our proprietary tools automatically ignore normal variations and amplify the signal from defects. When a cap/closure color changeover is needed, the system adjusts automatically for changes in reflected light intensity.



Detects:

- Broken tamper band • Missing tamper band • Unfolded tamper band
- Incomplete liner • Missing liner • Foreign contaminant • Out-of-round
- Excessive flash • Thread

Features:

- Remote-mounted flat-panel touch screen user interface • On-line setup
- Process feedback • Digital I/O 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% inspections 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:
71 cm x 152 cm x 36 cm
(28" w x 60" 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 Internet
Connection



Specifications are subject to change without notice.



2020 Vision Lane
Akron, Ohio 44223 USA
330.926.2222
Fax 330.926.2250
www.appliedvision.com