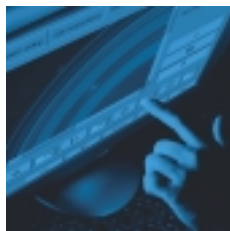


# Genius<sup>®</sup> VISION SYSTEMS

## Food End Inspection System



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

The Genius Food End Inspection System incorporates powerful yet easy-to-use algorithms to provide unparalleled inspection capabilities. It can inspect from 200 to 600 series ends with extreme accuracy using megapixel technology.

System setup is quickly achieved with our industry-leading, proprietary tools. Then Genius does the rest, automatically identifying defects and rejecting them off your line. Integrated alarm functions also notify you of process trends so you can quickly identify and correct the cause, thus reducing overall spoilage.



For world-class inspection capabilities that save you the utmost in 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.

## Food End Inspection System

The Genius system for food end inspection brings you powerful algorithmic functions designed specifically for the packaging industry. And it's all vastly simplified by our proprietary tools. Our intuitive Touch-n-Go<sup>®</sup> user interface makes system setup quick and easy. Our state-of-the-art illumination and NEMA rated enclosures ensure the best possible image quality, plus the ability to withstand harsh industrial environments.

*In many cases, multiple cameras can serve a single processor, resulting in significant per-camera savings. With several configurations available, we can provide you with the level of inspection your customers demand.*



*The Genius food end system can inspect from 200 to 600 series ends with extreme accuracy.*

### Detects:

- Curl defects • Compound skips • Foreign objects • Dents and scratches
- Compound splashes • Out of round • Scrap in die and more...

### Features:

- Remote touch screen LCD user interface • On-line setup
- Precise radius measurement • Process feedback helps reduce spoilage
- Digital IO / alarms • Remote diagnostics monitoring and control
- NEMA rated packaging • Solid-state lighting
- Automatic image intensity adjustment for each individual part
- 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:  
71cm x 122 cm x 36 cm  
(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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