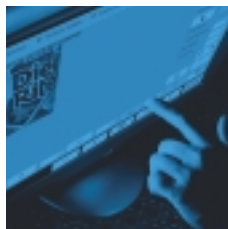


KromaKing[®] VISION SYSTEMS

Mixed Label Inspection (MLI) System



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

The KromaKing MLI color vision system is specifically designed to detect mixed labels (rogue cans) on beverage can production lines and eliminate the likelihood of a mixed label occurrence. The system is self-training and detects automatically, running reliably without operator intervention.



Applied Vision creates the industry's most advanced vision and automated inspection systems through application-specific expertise in imaging technology, software algorithms and user interface.

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

Mixed Label Inspection (MLI) System

The KromaKing MLI system detects rogue cans in a specific production run, initially self-training and learning the label colors of a set run (typically 500 to 1,000) of cans on-line. The system then compares those labels to the cans in the production run.

While self-training, the system learns the normal variations of the production run, as cans may gradually vary in color or brightness during the course of a long run. It keeps up to date by continuously learning every good can that passes through its inspection station. This helps minimize false rejects caused by normal and acceptable process variation.

It then automatically detects label changes and starts the learning process. When a new set of cans passes by the system, it automatically learns what they look like and continues its mixed label detection on the new label. This allows the system to run reliably without any operator intervention.



What would this cost you?

The KromaKing MLI system detects and rejects rogue cans with industry-leading technology for exceptional accuracy, saving you time and loss.

And it rejects rogues while training – KromaKing MLI rejects cans from previous runs while it trains on new labels. Studies have shown that most rogue cans occur after a label change. This feature eliminates the risk of one getting past the system during a new label training phase.

Proven superior performance – During an extensive evaluation by a major can manufacturer, KromaKing MLI was found to have a substantially lower false reject rate than the competition while still detecting all mixed labels.

Detects:

- Normal variations
- Label changes

Features:

- Self-training, continuous learning
- Easy setup, reliable automatic operation
- Minimal false reject rate
- Solid-state lighting
- Available with or without LCD touch screen monitor
- Choice of NEMA 12 or NEMA 4 configurations

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
- Imaging Enclosure:
(12" w x 9.6" h x 12.50" 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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