



Label Presence and Quality Inspection Consumer Packaging

Overview

The quality of the label on a package may influence the consumer's purchase decision. If all or part of the label is missing or if the label is crooked on the product, the consumer may purchase a different brand or decide not to make any purchase.

100% Label Quality Inspection

Interactive Design provides machine vision systems to perform quality inspections after labels are applied to a product or package.

The inspections:

- Detect if the entire label or part of the label is missing from the product or package.
- Inspect for correct label alignment and placement on the product or package.
- Verify the variable data that changes with each run, shift, or lot in comparison to a trained image of the correct data.

Operating Environment:

On any production line where labels are being applied to products or packages. Applications of the inspection systems include production lines having automatic labeling equipment and/or fill, and seal machines.

Integrated Inspection System

- High resolution cameras
- Dedicated lighting
- Image processing software
- High speed personal computer
- Touch screen, operator interface
- Industrial enclosure



Label quality system installed over the web of a form, fill, and seal machine.



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