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Label and Print Quality Inspection
Medical and Pharmaceutical Packaging

Overview

The print quality on packages of medical and pharmaceutical products is very important. The Use By Date, Date of Manufacture, and Lot Code must be correct and easy to read. In some languages, the meaning of the product description is changed when just a small part of a single character is missing.
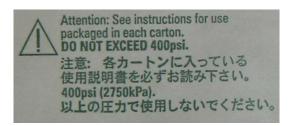
100% Label Quality Inspection

Interactive Design provides machine vision systems to perform quality inspections as the label is being printed.

The inspections:

- Verify the variable data that changes with each run, shift, or lot in comparison to a trained image of the correct data.

- Detect when greater than 1/8th of a character is missing from any area of the package that contains a product description or usage instructions.

Operating Environment:

On any production line where variable data or product information is being printed on the label. Applications of the inspection systems include where covers are being printed and applied to packages created on a form, fill, and seal machine.

Product information

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.

Variable data