Four Common Pharmaceutical Packaging Applications with Visionscape® I-PAK®

The Visionscape I-PAK inspection system is the proven solution chosen by major pharmaceutical manufacturers worldwide. Based on a selection of powerful machine vision tools and a simple user interface, I-PAK meets demanding pharmaceutical industry requirements, such as 21 CFR Part 11, for reliable, accurate, and validated inspection of labels and products.

Common applications include: date/lot code verification, component ID verification and product serialization, product inspection, bright stock identification, as well as a variety of other package, label, or product inspections.

1 Date/Lot Code Verification

Uses Optical Character Verification (OCV) to ensure:

- Accuracy
- Contrast
- Print Quality
- Sharpness

Date/Lot code examples: hot stamp, ink jet, laser mark, plus multiple inspections performed in one system

2 Component ID Verification & Product Serialization

Uses 1D/2D codes or human readable codes for product serialization or to verify component accuracy on:

- Primary labels
- Inserts
- Cartons
- Outserts
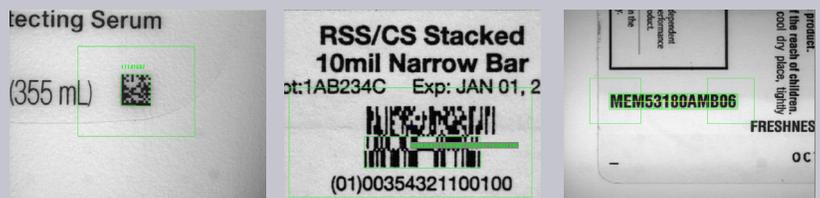
Component ID examples: 1D barcode, Data Matrix, GS1 Databar (RSS), or pre-printed ID numbers printed or marked on labels, packaging, or directly on products

Four Common Pharmaceutical Packaging Applications with Visionscape® I-PAK®

3 Product Inspection

- Label presence/position
- Cap presence/position
- Fill level
- Crimp inspection
- Safety seal inspection
- Insert presence inspection
- Other inspections
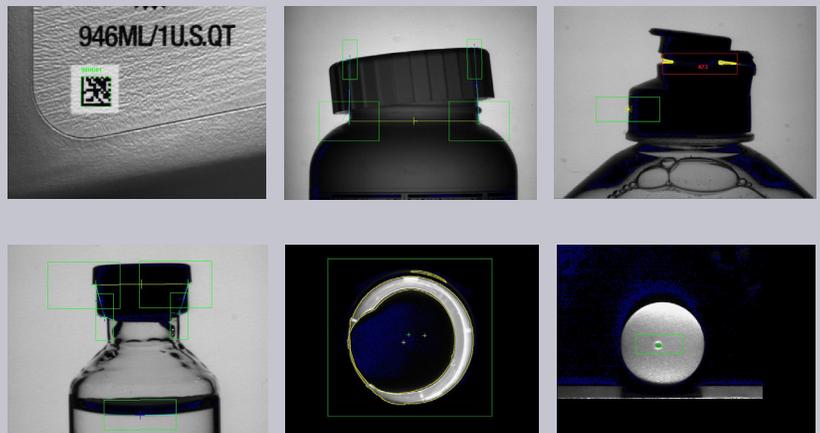
Inspection examples: *label presence and skew, label accuracy, cap skew, open cap, fill level and crimp inspection, safety seal inspection, tablet hole presence*

4 Bright Stock Identification

Uses Data Matrix symbols to identify bright stock containers:

- Verify symbol readability immediately after printing
- Place product in warehouse
- Verify symbol quality and accuracy prior to labeling
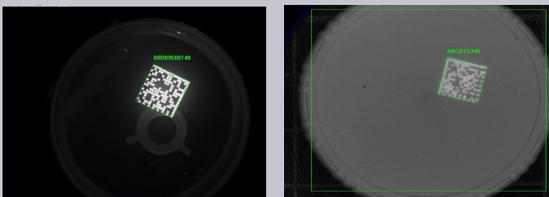
Bright Stock ID examples: *UV or visible ink jet Data Matrix*

MICROSCAN®

www.microscan.com

Product Information: info@microscan.com
Technical Support: helpdesk@microscan.com