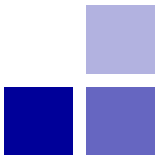**Panasonic**

Machine Vision System application notes (Food processing applications)

Panasonic Industrial Devices SUNX Co., Ltd.

2016.12

Inspection of seals on the mouth of seasoning containers
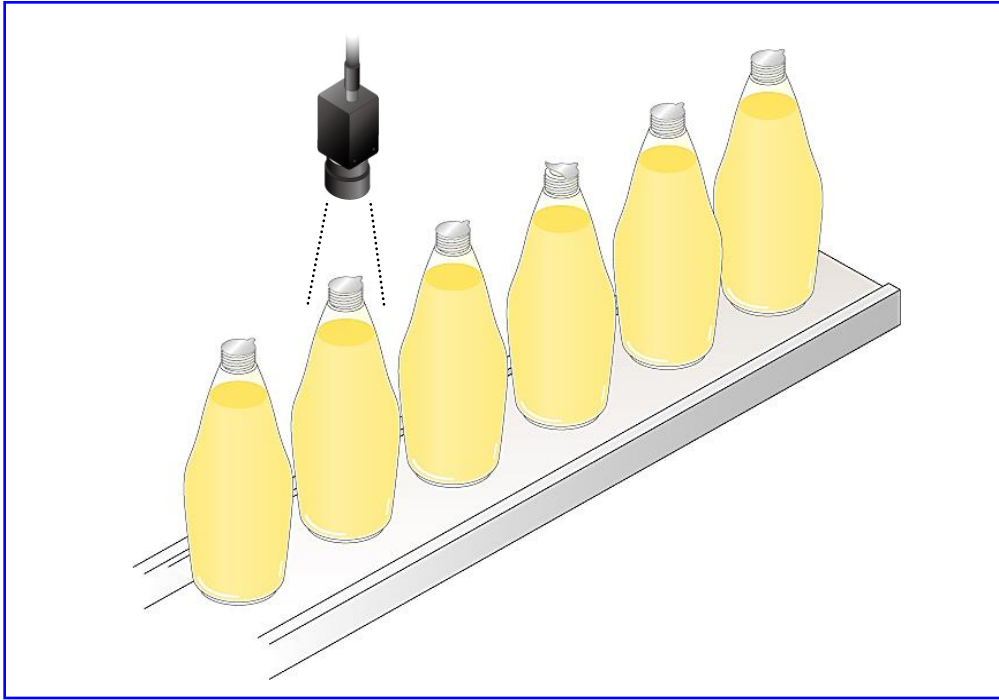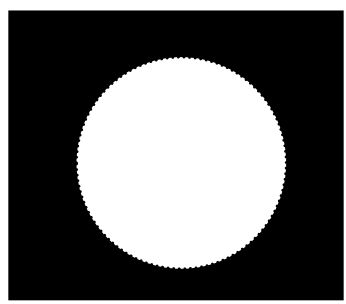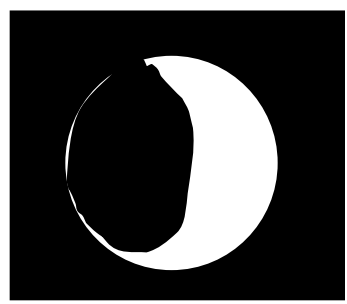
Image illustration

OK

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An unsealed area exists.

■ Description

- Inspect the presence or the peeling of seals affixed to the mouth of tubes containing paste products

■ Merits in purchasing our product

- Supports multiproduct and multi-item inspections
- Stable inspection using 21 types of abundant preprocessing filters
- Fine-tune the inspection area or preprocessing without stopping the inspection (read/write data while running)
- Simultaneous output of several types of inspection control data for traceability

■ Examples of used functions

- Grayscale preprocessing, grayscale conversion
- Binarization window
- Feature extraction

■ Recommended model

PV200	Combined color and gray inspection

Panasonic

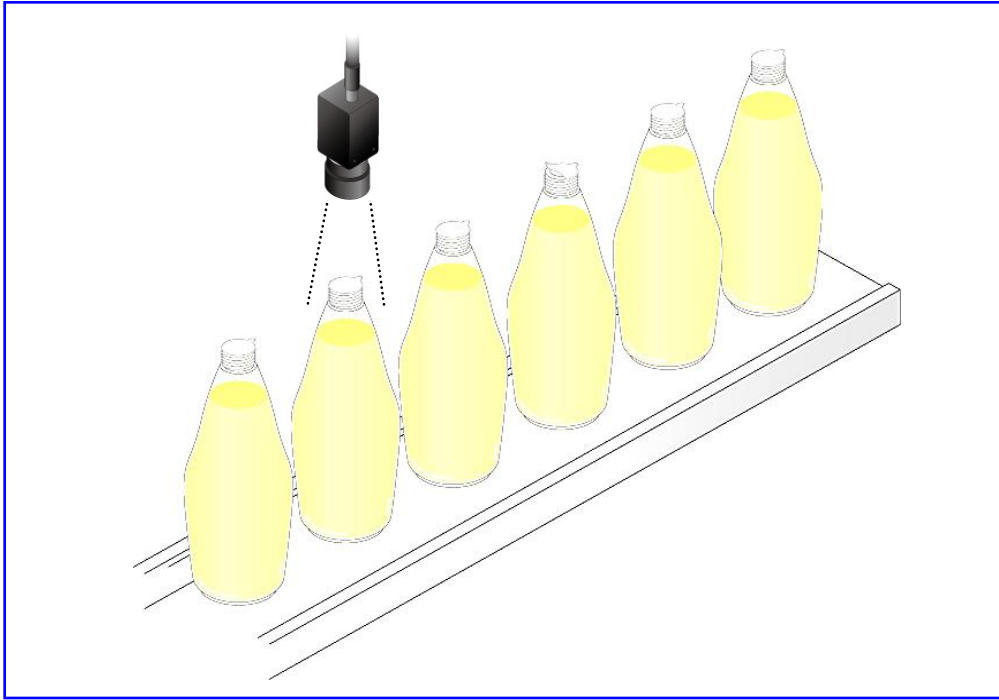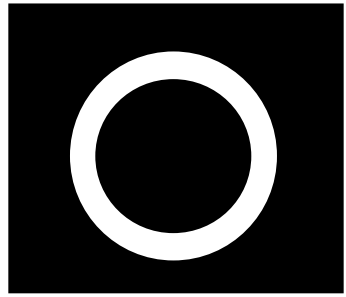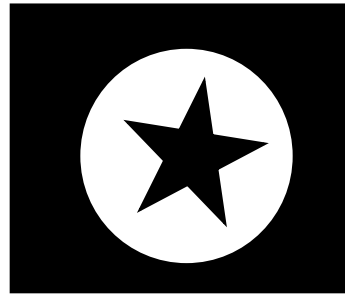# Inspection of the mouth of seasoning containers for contamination

Image illustration

OK

NG
Contamination

■ Description

- Inspect for contamination that may have occurred during the processing of the mouth of tubes containing paste products or for improper inclusion of cap seals of bottles containing powder seasonings

■ Merits in purchasing our product

- Supports multiproduct and multi-item inspections
- Stable inspection using 21 types of abundant preprocessing filters
- Fine-tune the inspection area or preprocessing without stopping the inspection (read/write data while running)
- Simultaneous output of several types of inspection control data for traceability

■ Examples of used functions

- Grayscale preprocessing, grayscale conversion
- Feature extraction
- Binarization window

■ Recommended model

| PV200 | Combined color and gray inspection |

Panasonic