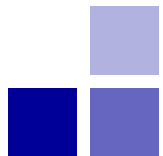


Machine Vision System application notes (Beverage processing applications)

Panasonic Industrial Devices SUNX Co., Ltd.



Beverage filling inspection

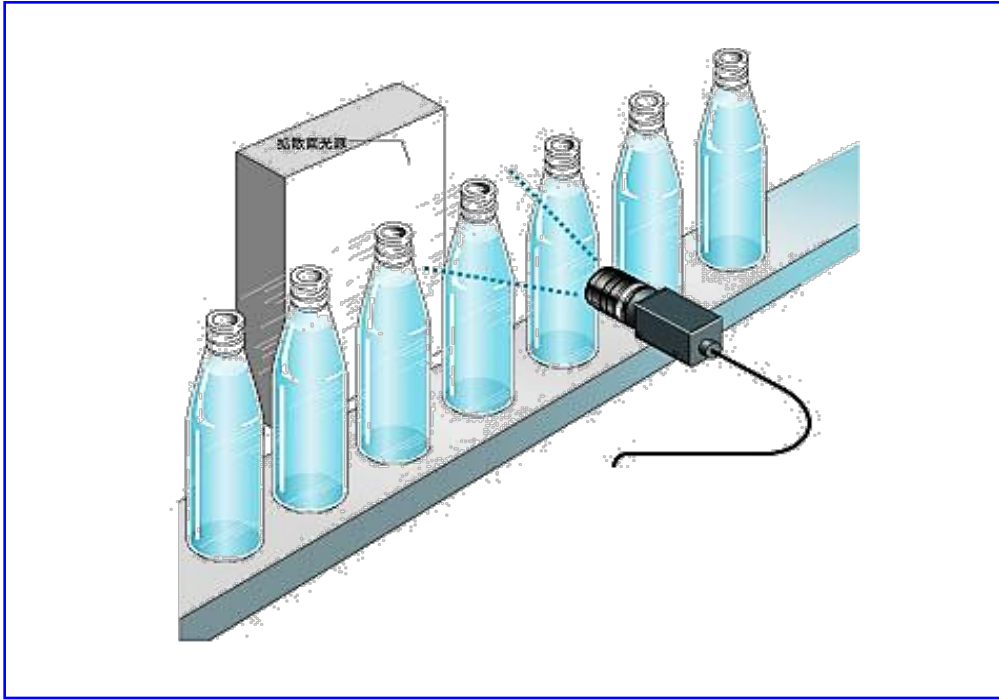
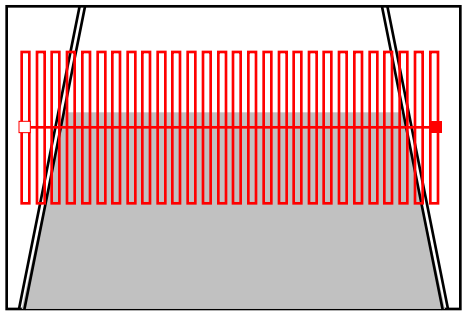


Image illustration



Description

- Filling inspection of bottled beverages

Merits in purchasing our product

- High-speed processing through parallel operation
- High-speed communication and storage (Ethernet, SD card, etc.) of position data indicating the amount of content and inspection judgment data
- Inspect the amount of content
- High-precision liquid level detection based on smart edge (line)

Examples of used functions

- Smart edge (line)
- Grayscale preprocessing

Recommended model

PV200	
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Detection of the presence and position of labels

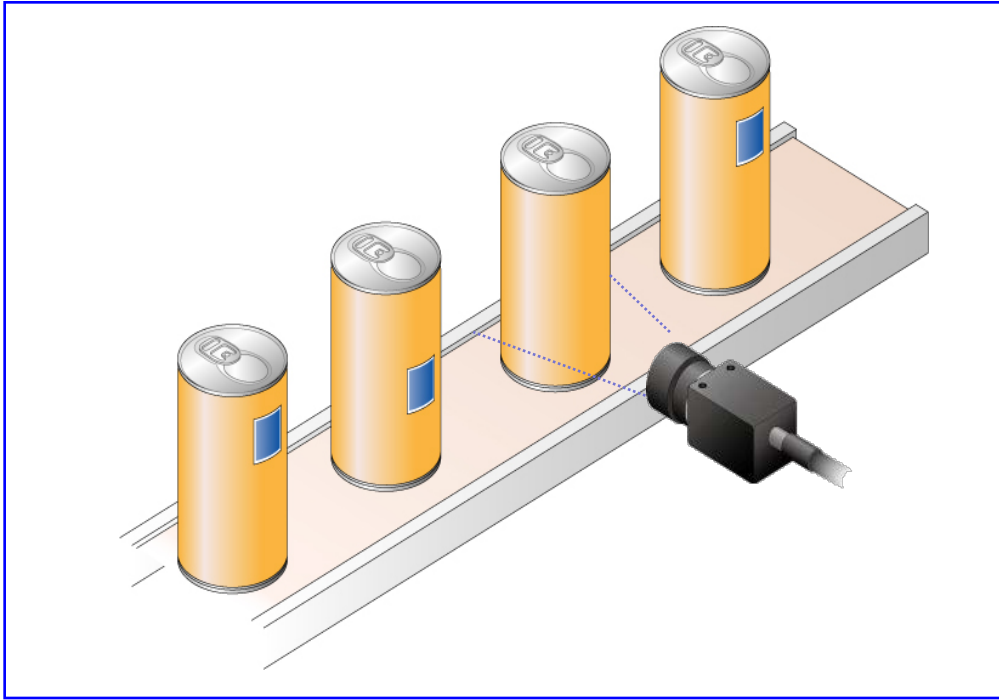
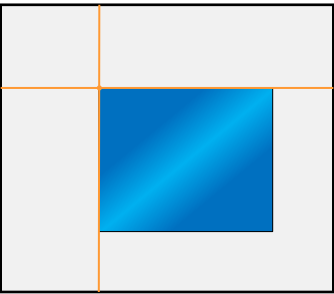
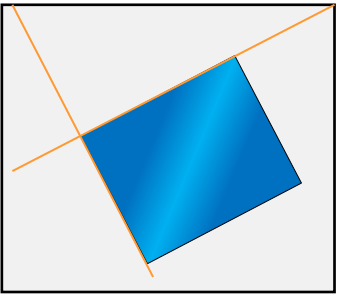


Image illustration



OK



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Description

- Detect the presence and position of advertisement labels

Merits in purchasing our product

- Supports multiproduct and multi-item inspections
- High-speed processing through parallel operation
- Simple, high-precision position detection based on smart edge (line)

Examples of used functions

- Smart edge (line)
- Geometry calculation

Recommended model

PV200	Combined color and gray inspection
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Empty bottle inspection

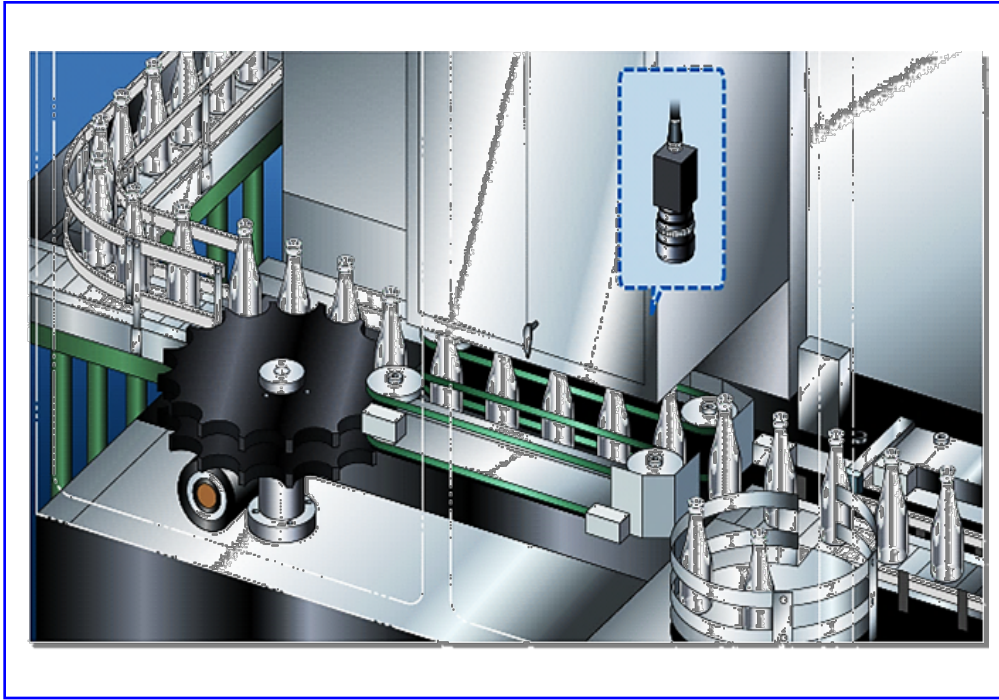
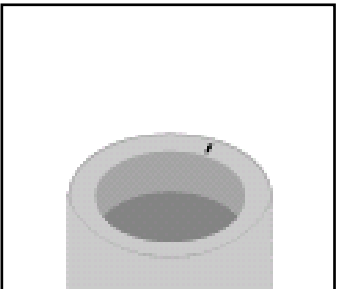


Image illustration



OK



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Description

- Inspect bottles for cracks / chips and contamination

Merits in purchasing our product

- Supports multiproduct and multi-item inspections
- Quantification of the size of defects using smart edge (circle)
- Stable appearance inspection using 21 types of abundant preprocessing filters

Examples of used functions

- Smart edge (circle)
- Damage detection
- Grayscale preprocessing

Recommended model

PV200	Combined color and gray inspection
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