

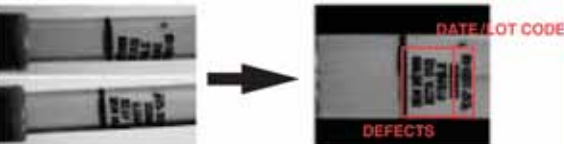
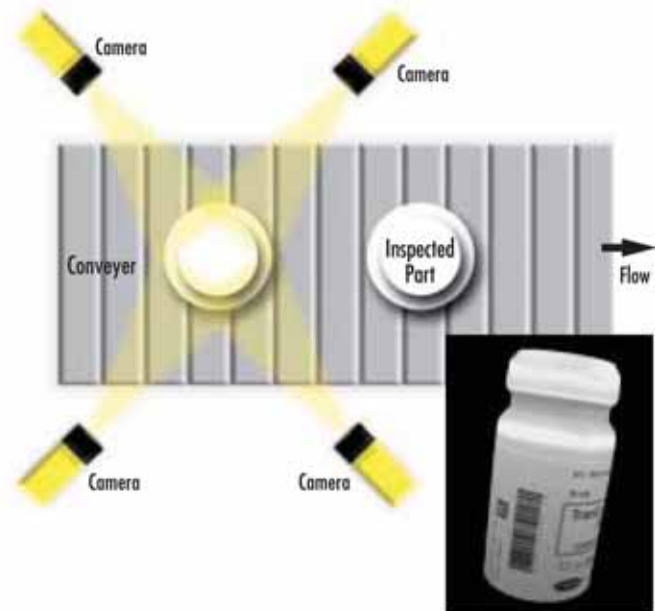
VERIFEYE 360

The Verifeye 360 Cylindrical Product Inspection System is an innovative new system designed to accurately inspect cylindrical objects and identify faults in their make-up or packaging conclusively, and consistently.

The Verifeye 360 uses images acquired from multiple cameras, and combines those images to create a seamless and undistorted image of an object surface.

The Verifeye 360 can inspect any feature of interest, as long as it appears in one or more of the physical camera images. This innovative system is designed to oversee quality production at speeds up to 1000 PPM, without the need to orient the product.

CYLINDRICAL PRODUCT INSPECTION SYSTEM



Benefits of the Verifeye 360:

- Handles random part rotation, tilt and position
- Allows entire curved surface to be inspected at the same time
- Facilitates part handling
- Enables non-contact 100 percent inspection at speeds up to 1000ppm, at standard resolution
- Provides a faster and less expensive solution compared to line scan cameras
- Simplifies inspection setup

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VERIFEYE 360

CYLINDRICAL PRODUCT INSPECTION SYSTEM

Features:

The Verifeye 360 simplifies part handling greatly. The product passes in front of multiple cameras without stopping and only minimal spacing between parts is required. Furthermore, label placement definition is not required due to the multiple camera placement and software ability to assemble the images.

Integrated software allows the Verifeye 360 to combine multiple views to render a virtual image of the circumference of any cylindrical object.

The software also compensates for rotation, tilt, uneven lighting, and perspective distortion to ensure a clear and workable image every time, thus eliminating complex setup.

The Verifeye 360 can be easily integrated into new and existing packaging lines with minimal line modifications. With quick set up features incorporated into its design, it can be set up in minutes which allows for a quick changeover from one production run to the next.



Technical Specifications:

- Machine speed: Up to 1000ppm
- Round object range: up to 4.5" Dia. and 7" Tall
- Construction of anodized aluminum, stainless steel and approved plastics
- Power requirements 120VAC-1PH-60HZ, 15 Amp
- Air requirements: Less than 2 CFM @ 90 PSI when fitted with a reject system
- Overall dimensions: 30" x 30" x 54" high
- Overall weight: 350 lbs.

Features:

- Label placement and presence verification
- Print Quality inspection
- Date-Lot code (OCV & OCR)
- 1D & 2D Barcode ID reading
- Out of roundness inspection capabilities
- Gauging (without a telecentric lens)
- Operator-friendly touch screen panel with onscreen set up sheets
- Easily integrated onto existing packaging lines
- User-friendly vision software tools
- No mechanical adjustment required

As part of continuous improvement, BellatRx Inc. reserves the right to change specifications at any time without prior notice.

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