

FyrEye-4200 Packaged Liquid Product Inspection Systems

FyrEye-4200 systems inspect the packaging, closures, caps, container, labeling and contents of packaged liquid products.

FyrEye 4200 systems inspect packaged liquid products such as soft drinks, beer, wine, beverages, chemicals, paint, stains, coatings, cleaning products, remodeling, maintenance & construction supplies, liquid pharmaceuticals, medicines, liquid food products, cleaners, waxes, solvents, household products, fuels, glue & adhesives for the following:

- Presence of correct label/fully applied
- Label applied straight or at the correct angle
- Defects in label or label graphics
- Date code reading or verification
- Proper fill level
- Leaks
- Packaging defects
- Correct cap
- Cap fully installed and seated
- Proper threading

The FyrEye-4200 is a family of systems, customized to your application and requirements. The FyrEye-4200-02 is an example. It inspects 750 ml bottles of wine for:

- proper main and neck labels
- complete and straight label application
- proper, fully seated cap
- proper fill level.

Your particular model will be from the same family, but will have different variations in equipment and capabilities from what is listed below:

- Style 20 NEMA 4X Stainless Steel CVP (Central Vision Processor) enclosure with vortex cooling.
- Fulfills application and performance specification # VAS-4200-02 (copy available). Each application will have its own VAS (Vision Application Spec Sheet).
- Engineered lighting specialized for solution performance.
- 3 progressive area scan cameras with NEMA 4X enclosures.
- Conditional storage of 125,000 images of rejected bottles of wine.
- Spreadsheet storage of numerical results



- Direct hardware trigger option
- 8 discrete inputs
- 8 discrete outputs

Please contact FSI for a system and solution that is confirmed for you application.

FSI has been a trusted factory automation manufacturer for over 50 years. Our Assured Path to Success™ methods and programs have a 100% success rate in this field of machine vision. Because our engineers are deeply involved in understanding the application, recommending the products, and supporting the software, these systems are uniquely suited for long term supportability and standardization.



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