

FyrEye-3600 Tablet, Capsule, and Pill Inspection Systems

Automatically inspects tablets, capsules, and pills for a range of attributes and defects. Results include pass / fail signals and acquisition and storage of data on product attributes.

FyrEye-3600 systems inspect individual pills and tablets. FyrEye-3600 families are available for both slat conveyor and linear production / inspection machine configurations. They provide inspection, verification and data acquisition for the following defects, conditions and attributes:

- Missing or incomplete printed or molded labeling
- Dimensions
- Surface texture and defects
- Shape
- Alignment
- Blemishes or mark type defects
- Color
- Color consistency
- Correct or wrong product presence

Other families of FyrEye systems handle inspection of packaged, bottled and kitted pills, tablets and capsules.

The FyrEye-3600 is a family of systems, customized to your application and requirements. Your particular model will be from the same family, but will have different variations in equipment and capabilities. The FyrEye-3600-02 slat conveyor pill inspection system is an example, it includes:

- Style 26 Stainless Steel CVP (Central Vision Processor).
- Inspection for dimensions, correct pill, formation, color, discoloration type defects, presence of correct marking.
- Fulfills application and performance specification # VAS-3600-02 (copy available). Each application will have its own VAS (Vision Application Spec Sheet).
- Inspection rate: 36 tablets per second (125,000 per hour).
- Solution-engineered lighting specialized for solution performance.
- 2 progressive area scan color cameras integrated into the light source.
- Conditional storage of up to 140,000 images of rejected tablets*



- Spreadsheet storage of numerical results and verification*
- Direct hardware trigger option
- 8 discrete inputs
- 8 discrete outputs

* for traceability, auditability and QA program requirements

X-Ray, line scan and 1 through 16 camera versions are also available.

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

