FyrEye-5600 Caps & Closures Inspection Systems

The FyrEye-5600 family systems automatically inspects caps and closures for defects prior to their installation on the product.

FSI has applied FyrEye-5600 cap and closure inspection systems to a range of applications including:
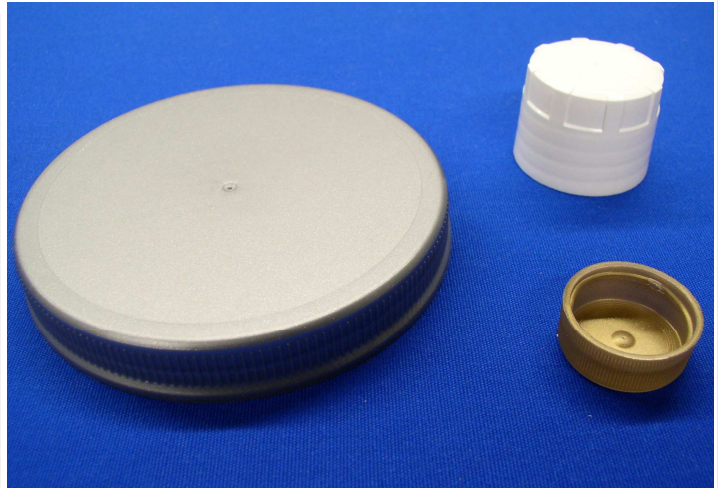
- Aerosol spray caps such as cooking, paint, hair and deodorant
- Spray lubricants
- Personal hygiene caps
- Shampoo / conditioner tops
- Soap dispenser tops
- Toothpaste tops
- Shaving cream caps
- Food related caps
- Salad dressing caps
- Ketchup caps
- Twist style mustard caps
- Coffee container lids
- Ice cream container lids
- Cleaning products
- Trigger style spray tops
- Pump tops
- Electronics
- Camera lens caps
- Battery covers / doors

The FyrEye-5600 system will inspect for defects in:

- Threads
- Seal inserts
- Perforations
- Molding defects
- Dimensional attributes

The FyrEye-5600 is a family of systems, customized to your application and requirements. The FyrEye-5600-02 is an example, it inspects for the presence of threads, perforation, and seal insert on caps for 20 oz bottles. Your particular model will be from the same family, but will have different variations in equipment and capabilities from what is listed before:

- Inspection of 2 surfaces for chips, gouges, cuts, holes and other geometric defects and deformities.
- Style 20 NEMA 4X Stainless Steel CVP (Central Vision Processor) enclosure with vortex cooling.

- Engineered lighting specialized for solution performance.
- Fulfills application and performance specification # VAS-5600-02 (copy available). Each application will have its own VAS (Vision Application Spec Sheet).
- Spreadsheet storage of numerical results.
- 8 discrete inputs.
- 8 discrete outputs.

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.

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