

## ***FyrEye-3400 Family Assembly Inspection System***

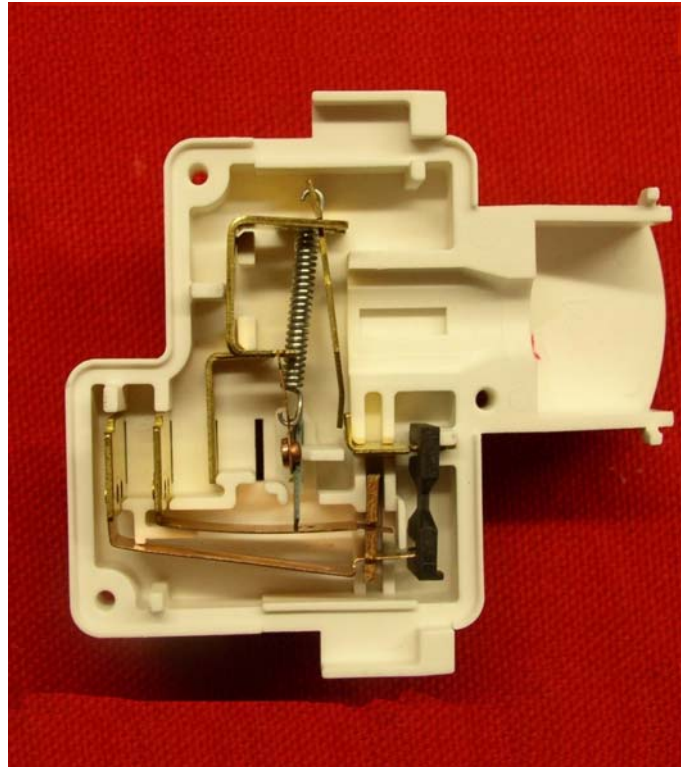
Inspects part assemblies for proper and complete assembly, and use of correct components.

Here are some examples of FyrEye-3400 family automatic inspections:

- Verify that the correct part was used for each component of the assembly
- Verify that each component was installed, installed completely, including proper location and orientation
- Verify completeness of the overall assembly
- Inspect for damage that occurred during the assembly process
- Verify presence, location and orientation of proper labeling
- Bar code and data matrix reading or verification

A few product examples include:

- automotive components and subassemblies
- medical products and product kits
- packaged pharmaceutical products
- home and personal care products
- toys, sporting goods
- HVAC systems and subassemblies



Electrical Assembly

This publication presents the FyrEye-3400 family in general and also a specific example system, model # FyrEye-3400-01 which includes: Inspection for correct and complete assembly in three views, including verification of proper individual components when such requires both color analysis and (medium accuracy) dimensions and completeness of an approx. 2" by 3" planar part in one profile view including Style 17 CVP, powerful and user-friendly software, one standard progressive scan color 640 x 480 camera with direct hardware trigger option, full PC/Windows architecture Ethernet port, 8 discrete inputs, 8 discrete outputs, removable mass media, internal storage for at least 40,000 programs or images, engineered lighting and optics, APS™ (Assured Path to Success™) scope, program and services, and no other options. A large amount of application-specific specs and functional details apply to the FyrEye-3400-01 example system; all other FyrEye-3400 family systems will be designed with sufficient performance capabilities to fulfill the requirements of the current application.

How to order: To order the exact example system specify model # FyrEye-3400-01. Otherwise please contact FSI or your FSI Representative for a FyrEye-3400 family system & solution for your specific application and requirements.

Besides system level benefits and advantages, FSI Machine Vision offers unique strengths and benefits in each of these important foundation areas: architecture, construction, expertise, methods and support. Please contact us for more information on any one of these areas, or if we may be of assistance on any automatic inspection or machine vision application.



***FSI Technologies Inc.***

668 Western Avenue • Lombard, IL 60148-2097

(630) 932-9380 • FAX: (630) 932-0016

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[www.fsinet.com](http://www.fsinet.com)