

FyrEye-3200 Family Metal Part Inspection Systems

The FyrEye 3200 inspects cast, forged, stamped, machined, and other formed metal parts.

The FyrEye 3200 family provides automatic inspection for:

- Dimensions (including high accuracy)
- Machined surface analysis
- Completeness
- Thickness
- Presence/absence of required holes and cutouts
- Edge irregularities
- Dimensions and position of cutouts
- Holes or pinholes
- Cracks or tears
- Voids
- Flash or other undesired extra material

Products include:

Castings
Stampings
Forgings
Sheet Metal
Machined Products



Stamped Sheet Metal Products

This publication presents the FyrEye-3200 family in general and also a specific example system, model # FyrEye-3200-01 which includes: Inspection for (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 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-3200-01 example system; all other FyrEye-3200 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-3200-01. Otherwise please contact FSI or your FSI Representative for a FyrEye-3200 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.



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