

Vision System for Mold Protection

ROBOT-EYE SX-910



Applicable with Injection Molding,
Multi-Cavity Molding and Insert Molding

Easy to
Operate

High-Speed
Processing

Stable
Operation

Video Replay
of Reason
for Stoppage

High-
Resolution
CCD Camera

SIGMAX
www.robot-eye.co.jp

ROBOT-EYE Will Protect Your Valuable Molds

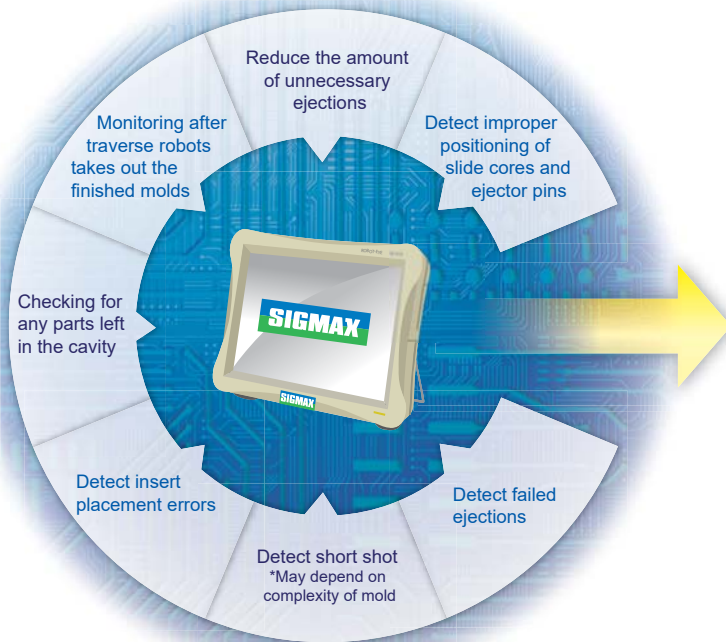


Our 6th generation, The SX-910 is a brand-new model with many improvements made from feedback from thousands of our customers.

The SX-910 is a stable and easy-to-operate mold protection system that is equipped with a 10.4-inch high-resolution LCD touch panel for detailed images.

Additionally, our proprietary sensor technology allows for a stable monitoring experience. The capability and user experience have been greatly improved again on the SX-910.

Applications



Results from implementing ROBOT-EYE

Prevent Mold Damage
(Eliminate Downtime and Cost for Repair)

Reduce Molding
Cycle Times

Eliminate Defects and
Crushed Parts

Features



USB Slots

10.4-inch High-Resolution Touch Panel
(supports high-resolution cameras)



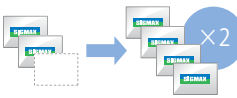
Touch Panel

Multi-Language Support



Functions

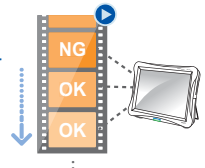
High-Speed Processing
(2x processing speed when compared to previous model)



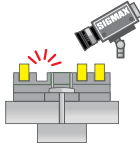
Reset by opening and closing the safety door (or switch from automatic to manual)



Stoppage video replays saved for review



Proprietary sensor technology allow for a simplified insert monitoring process



Set up to 128 monitoring areas using various shapes

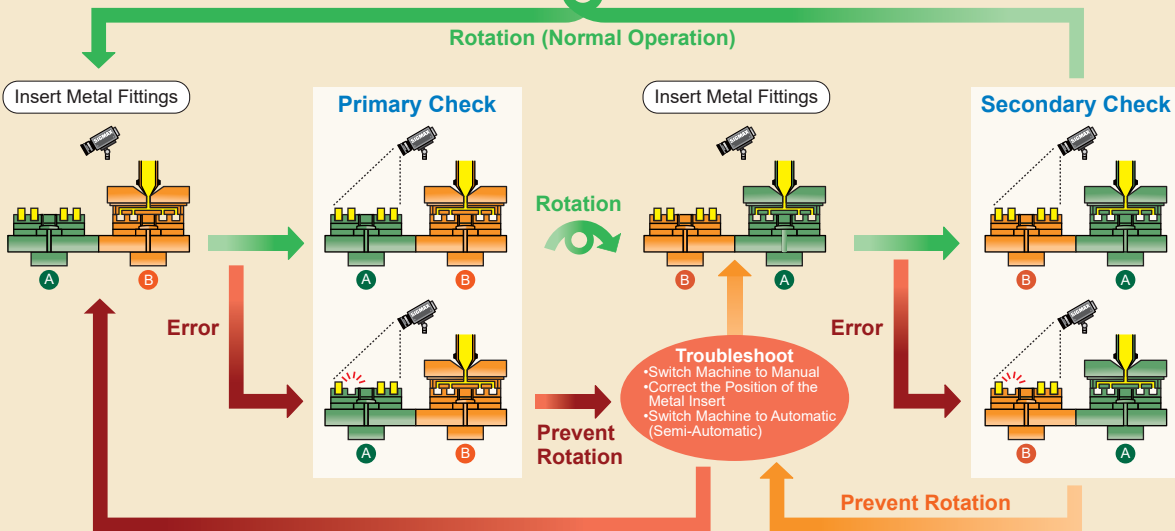


Data log function that displays graphs and thumbnails

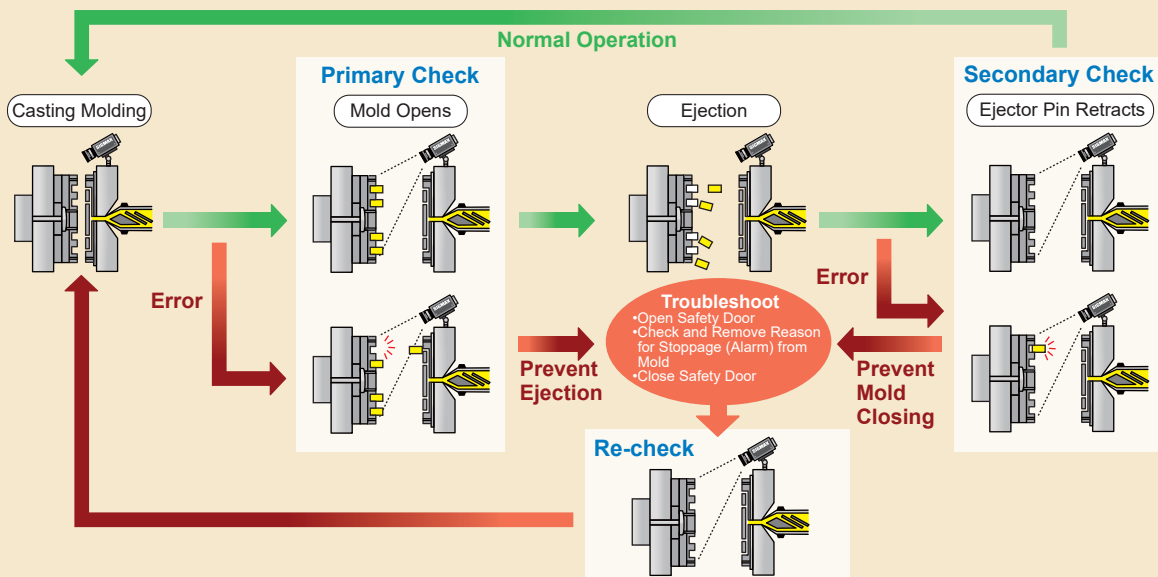


ROBOT-EYE'S Monitoring Flow

Vertical Injection Molding



Horizontal Injection Molding



For more information and an explainer video please visit our website at : www.roboteyeusa.com

ROBOT-EYE SX-910

Supports 1 Molding Machine and 2 Cameras

Specifications of ROBOT-EYE SX-910

Resolution	1280×1024*
Processing Time	Minimum 0.015 seconds
Ambient Temperature	0°C-45°C / 32°F-113°F
Power Supply	DC24V
Power Consumption	24W
External Dimensions	277x215x50(mm) / 10.9x8.4x1.9(in)
Weight	1.25kg / 2.8lbs

*Compatible with VGA (640 x 480)



What's Included

Standard System	SX-910 (1 Camera)	SX-910TW (2 Cameras)
Main Unit w/ Built-In 10.4-Inch Monitor ①	1	1
CCD Camera w/ 16mm Lens and Stand ②	1	2
Halogen Lamp w/ Stand ③	1	2
I/F Cable 2m/6.5ft ④	1	1
Camera Cable 5m/16ft ⑤	1	2
I/O Cable 5m/16ft ⑥	1	1

Options

8mm Lens ⑦
12mm Lens ⑧
25mm Lens ⑨
35mm Lens ⑩
50mm Lens ⑪
Specialty Lens
LED Lamp with Stand ⑫
Infrared Lamp with Stand ⑬



Standard Set



Wide-Angle Lens/Narrow Angle Lens



Lamp and Stand

The contents of this catalog may be revised without prior notice.

SIGMAX

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Agent