

ROBOT-EYE SX-710

SX-710 can monitor a machine with two cameras

Specifications SX-710

Resolution	640×480pixels
Processing time	Min.0.03sec.
Ambient Humidity	32 ~ 113°F / 0 ~ 45°C
Power	DC24V
Power consumption	24VA / 24W
External dimensions	10.9"(L) / 8.5"(W) / 2.0"(H) / 277×215×50 mm
Weight	3.3lbs. / 1.5kg

Compositions

Standard system	One camera	Two cameras
Main unit (build in 10.4" LCD monitor)	1	1
CCD camera with 16mm lens	1	2
Camera mounting stand	1	2
Halogen lamp with stand	1	2
Camera cable 15feet / 5m	1	2
I/O cable 15feet / 5m	1	1
I/F cable 6feet / 2m	1	1

Option
8mm focal length ①
12mm focal length ②
25mm focal length ③
35mm focal length ④
50mm focal length ⑤
Fluorescent lamp stand ⑥
Camera mounting stand(Big size) ⑦
Arms to hung the main unit



Standard compositions



Wide / Narrow optic angle lens



Lamp / Stand

The contents of this catalogue might be revised without any notice.

SIGMAX

SIGMAX CO., LTD.

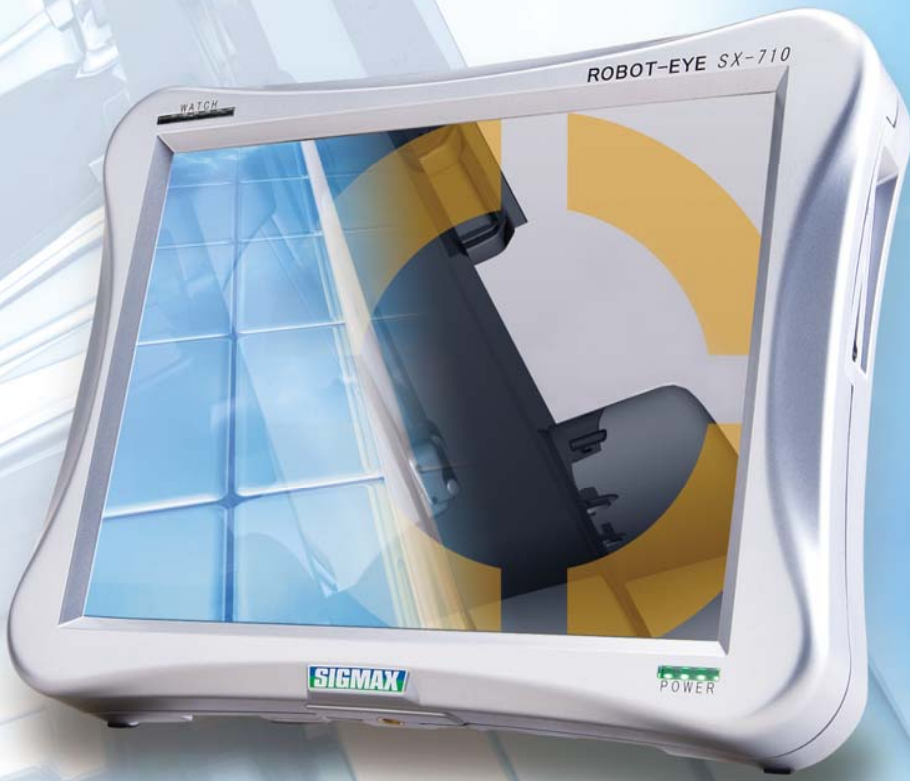
Meiji Yasuda Seimei Radio Nippon Bldg.
5-85, Choja-machi, naka-ku,
Yokohama 231-0033 Japan.
Tel. 045-264-2661 Fax. 045-264-2660
www.robot-eye.co.jp info@robot-eye.co.jp

PRINTED WITH SOY INK. This catalogue is used soy ink and recycled paper to economize on natural resource.

Agent

The Vision System for Mold Protection

ROBOT-EYE
SX-710



Available to precision plastic molding

Easy operation

High speed processing

Stable operation

Save NG image

SIGMAX
www.robot-eye.co.jp

ROBOT-EYE protects your valuable mold



Just made Robot-Eye's debut as high grade of function & operation

SX-710 is a **sophisticated vision system** with the touch panel on 10.4" LCD monitor. Please realize it's abundant functions by touching it.

Eight functions

Automatic setting the timer of 2nd watching

New function



Robot-eye minimizes cycle time since it searches minimum timing for the 2nd watching.

Easy sensitivity setting

New function



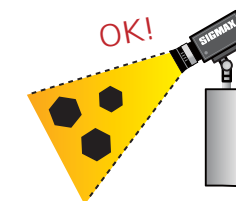
Sensitivity can be adjusted confirming the brightness of cavity.

Simple resetting



Robot-eye can be reset by the safety door when the machine is stopped.

Reliable monitoring



The monitoring isn't affected by any color of parts (even black) because of original algorithm.

Various sounds of buzzer(max. 5kinds)

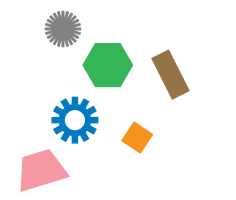
New function



It is easy to find which machine is stopping.

Polygonal areas can be set (max. 20)

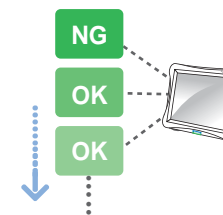
New function



The sensitivity can be set on area by area.

Past image of NG shot can be traced

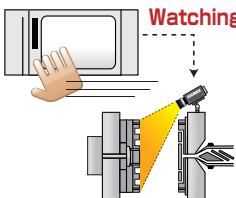
New function



You may analyze the last NG shot.

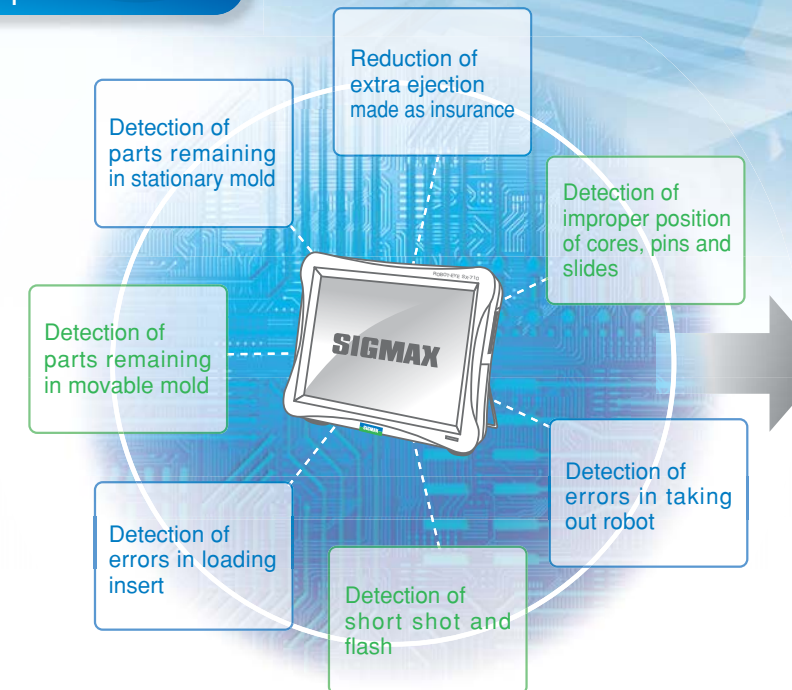
The 2nd watching can be done at restarting by the safety door

New function



You can confirm proper position of cores, pins and slides.

Applications



Merits of using Robot-eye

Prevent mold damage
(eliminate downtime and cost for repair)

Increase productivity through monitoring

Maintain quality of products detecting defects

Features



Easy operation on touch panel

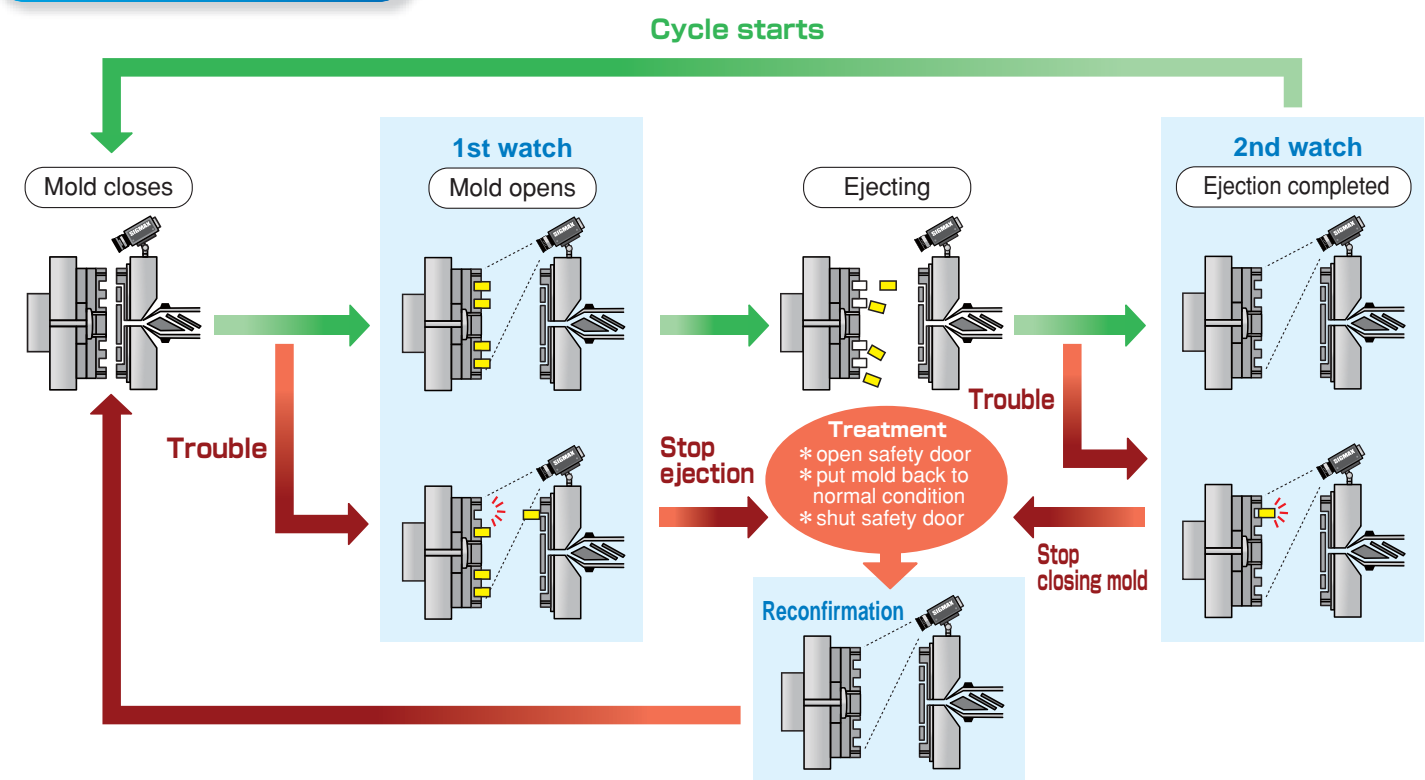


Wide display (10.4")



Loading with CF card slot

Monitoring process



More detail on Web The monitoring process can be checked on flash movie of HP. >> www.robot-eye.co.jp/english/motion