PSC-160 IMMS "MoldMinder"

Injection Mold Monitoring System

Process Sensors IR custom engineered, turn-key PSC-160 IMMS MoldMinder, interfaces seamlessly with injection mold machines.

Important Features:

- **Prevents Mold Damage and Production Downtime**
- Quick and Simple Camera Set Up Parameters Via Touch Screen Display
- Select Up To 16 ROI's (Regions of Interest), Set Analog Output Alarms For Each
- Proven Performer With Horizontal or Vertical Shuttle Molding Machines
- Eliminates "Shadowing" False Alarms Inherent With CCD Cameras
- Smart Software Retains Templates of Previous Mold Jobs for Quick Retrieval
- PSC-160-IMMS Interfaces With Existing Injection Mold Machines
- Measure true part temperature

Industrial molded part presses have a high risk factor of experiencing critical damage due to molded parts sticking within the mold cavities.

The Process Sensors Model PSC-160 IMMS Injection MoldMinder Thermal Imaging Camera System will alert operators and stop the press before any hazardous force can be applied to the mold. This increases yield, and prevents severe mold damage and related down-time, which is often more expensive and troublesome than the actual mold damage.

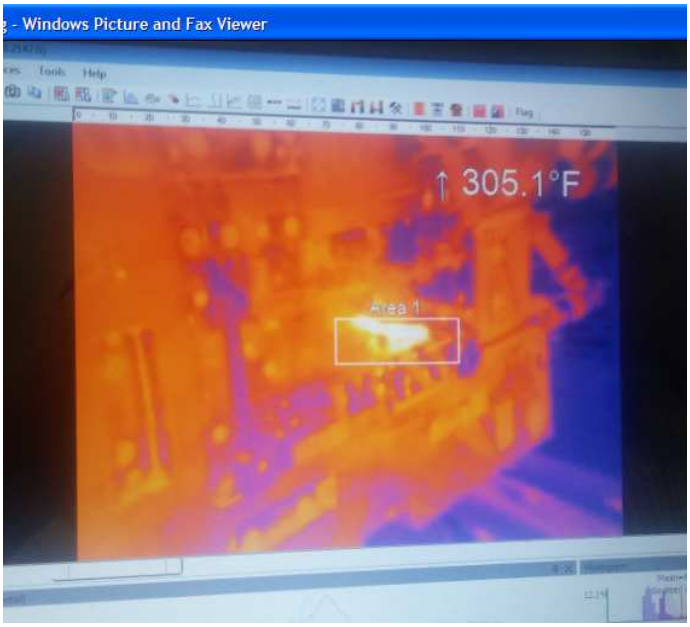
The PSC-160 IMMS Injection MoldMinder System has been proven to detect and prevent the problems before they occur. The PSC thermal imaging camera views and identifies parts that are retained in the mold. The smart logic system sends a signal to the mold machine to activate the mold ejection pins until all the molded parts are ejected and then signals the mold to close.

Users of PSC-160 IMMS experience **no false alarms** due to shadowing on the mold that is inherent with use of visible CCD machine camera vision systems. Process Sensors **infrared camera technology** solves the problems that can occur with visible ambient plant lighting. Color variations of plastics, shiny mold surfaces or ambient lighting conditions do not impose any problems when utilizing Process Sensors Model PSC-160-IMMS system. As an added benefit, the infrared model PSC-160 IMMS camera system can precisely measure the molded part temperatures as well.

The High Speed, USB 2.0, thermal imaging camera at 120 frames per second, quickly inspects and identifies the parts within the mold to trigger the mold ejection push pins, before closing the mold to end the cycle.

The cornerstone of the MoldMinder System, the compact designed PSC-160 thermal imaging camera, is a proven performer in industrial applications and makes this custom engineered turn-key system possible. The camera's reputation for outstanding ability to monitor and control industrial processes in real time has made it the choice of industry professionals in countless applications.

As part of the MoldMinder System, the PSC-160 provides real time thermal imaging with up to 120 Hz frame rate, high resolution thermal sensitivity and thousands of measurement points. Equipped with the simple-to-use, intuitive and powerful PSC Camera Connect Software package, it is operator friendly and ideally suited to injection molding monitoring and control.



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