

C.D.S. - Coating Detection System

Description

Spring Off has developed a vision system for the on-line analysis of the coating on rubber profiles.

The coating process is monitored thanks to the insertion of a fluorescent pigmentation which can be revealed through a suitable UV lighting.

The system is able to generate multiple alarms (acoustic, visual and output signal to PLC) when the measured coating level undergoes the threshold.



Main Features

- From 1 to 3 cameras
- From 1 to 3 UV fluorescent illuminator
- Real Time embedded processing unit with I/O capabilities
- User friendly interface
- Panel adjustable alarm threshold for each camera
- Acoustic and visual alarm
- User programmable PLC

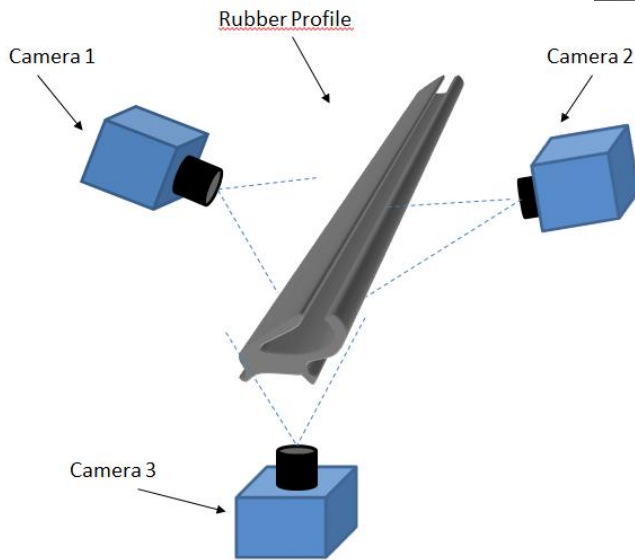


Technical Details

- Up to 10 coating level measurements per second for each camera
- Dynamic History chart of the last 300 measurements with graphical threshold drawing
- High sensitivity
- Real-time FireWire image acquisition, analysis, and storage
- Industrial Monitor TFT 15"
- VGA output for real-time display of results
- PLC OMRON with monitor 5,6"
- Camera & Lighting Enclosure IP55

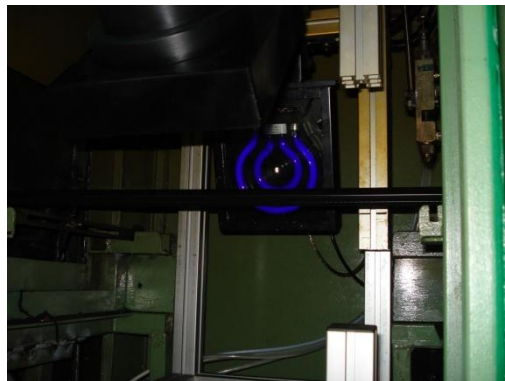
INDUSTRIAL AUTOMATION

C.D.S. Coating Detection System



**System configuration
up to 3 cameras
for full surface monitoring**

Example of Installation



For other technical details, please contact:

spring off

Sensing, Processing and interfacing

Academic Spin off Company - University of Salerno



Spring Off srl
D.I.In. University of Salerno
via ponte don melillo
I-84084 Fisciano (SA) ITALY

Phone +39 089 964248
Fax +39 089 964236
info@springoff.it
www.springoff.it