Reach the Next Quality Level in Your Narrow Web and Label Production Using 100% Inspection

Maximize Quality + Productivity + Efficiency

More than a thousand inspection systems installed worldwide!
Be Prepared for the Growing Demands of Your Customers

The demands of global brands are constantly changing to higher quality requirements, lower prices, shorter print runs and just in time delivery. Labels printers have to be compliant with high quality standards. Maximizing output and minimizing costs is continuously increasing demands. The growing competition as well as the current pace of consolidation and globalization in the label market is driving the use of 100% inspection as a competitive advantage.

Benefits of using inspection systems for the market

- Increase your process confidence and throughput
- Reduce material consumption
- Eliminate reruns
- Increase output
- Reduce make ready time for optimized machine utilization
- Continuously improve process and customer satisfaction
- Stream-line your print line process and utilization
- Win new customers and business

Inspection of All Substrates to Maximize Yield

ISRAs market leading surface inspection system is optimized to inspect unprinted web materials with the expertise of hundreds of successful installations worldwide:

- Blown film and cast film production
- Extrusion coating applications
- Alufoil coating applications
- Final control of high-end packaging foils on rewinder

Benefits at a glance

- Clearly separate between defects and tolerable deviations with QuickTeach classifier
- Qualify your production for high-end applications like pharma foil and label material
- Detect machine malfunctions at early stage; decrease waste
- Save time and optimize machine resources by using only good material in printing
ISRA VISION’s automated print inspection solutions are designed to help reaching your goals. Deliver 100% inspected print material, ensure maximum process efficiency and meet your customers quality requirements.

Streamline your print floor processes and utilization with Intelligent Workflow Tools

Increase your process confidence for addressing highest demanding applications by relying on Dedicated Vision Solutions

Reduce material consumption due to early and reliable identification of systematic defects with Unlimited Image Processing Power

Decrease waste and improve your product quality and profits using Sustainable Inspection Performance

Continuously improve processes and customer satisfaction using Production Data Analysis

Make yourself future-proof using Extendable Systems for your high demand customers

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100% Quality Control Through the Entire Production Process

The leading and market proven inspection solution for all printed materials (e.g. printed films, paper, security paper, foils or laminated web materials) is now available for narrow web and labeling.

Application
- Printing presses ++ Finishing machines ++ Slitter / Rewinder

Benefits at a glance
- Highest resolution for 100% defect detection anytime, anywhere
- Continuous control of your label and narrow web production with:
  - Most sophisticated defect classification - NO false alarms
  - Maximized machine throughputs at the narrow web printing machines
  - Make your quality and process decisions most efficient with integrated data mining and reporting tools
  - Increased customer loyalty with 100% documented print quality

Maximize Your Production with 100% Process Control

ViewSTAR is the tool to show high-resolution images for the operator during make-ready for registration issues. During print production ViewSTAR is used to look continuously on prominent areas of the decor. High-res images can be saved within the database and can be used for quality assurance and process optimization.

Application
- Printing presses

Benefits at a glance
- Instant register support with the fastest full repeat scan
- Perfect image quality for more efficient operation
- Reduced efforts and costs for maintenance due to modern system design
- Continuous process improvement for increasing machine utilization
Printing Perfection with 100% Inline Color Control

ColorSTAR is a revolutionary approach to inline color measurement in Labels and NarrowWeb applications. It provides absolute color measurements at any place at any time on the web. Guarantee color consistency all along your print job according to the specification of the brand owners. This innovative tool allows the operator to hit the target color every time.

Application
• Printing presses

Benefits at a glance
• Save make-ready time and decrease waste; perfect control of color from the start
• Print to numbers
• Provide the right navigation tool to enable your operator to be achieve the best color faster
• Win new business by using inline color measurement including well-documented color consistency

Make the Correct and Most Efficient Decision for Quality and Production

In order to be able to make sound economic decisions, management – from the production level to corporate headquarters – depends on reliable analysis. This is where ISRA’s intelligent yield management software provides an optimum level of support. It processes terabytes of aggregated inspection data to enable quick decision-making.

Benefits at a glance
• Combine data from all steps of workflow to better understand production
• Analyze production data to support decision making
• Get more leverage in decisions
• Optimize production efficiency and quality
We Are the Innovators in Optical Inspection. Best Practice. Best System. Best Service.

For over two decades, ISRA VISION has become a leading manufacturer of highly accurate automated optical quality inspection systems.

More than 10,000 successful applications reference our sustainable experience in the field of machine vision products – and our ability to innovate.

Today our products are operating worldwide in such industries as glass, plastics, foils, packaging, print and automation. It is our goal to set system standards for total process control in these industries.

Customers choose ISRA for the ability to develop products consistent with their requirements. More than 700 employees at locations worldwide are working to contribute to your success.

Your Global Partner for Surface Inspection.

We offer our experience and a highly qualified team of experts to design and implement solutions for advanced applications.

We assure that our mission starts beyond our shipping dock. Just challenge our Customer Support Center.

We guarantee excellence to our customers – from consulting to service, from tailored solutions, to worldwide support. We can make your business more competitive.

ISRA VISION

Optimize your ROI with the technology leader ISRA www.isravision.com