



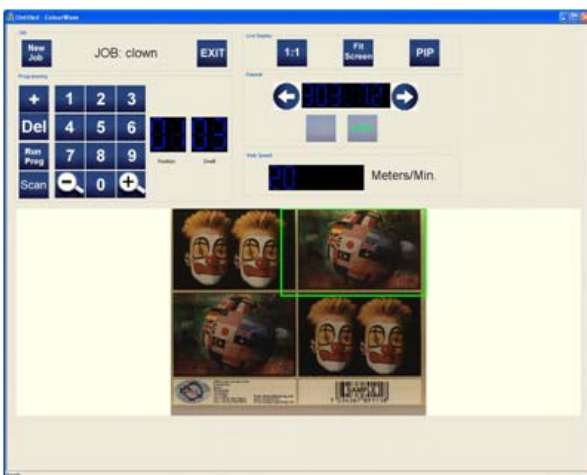
High Definition real time web viewing of 100% of the web

Using colour cameras which image the entire web width, Discovery Web Monitor's intuitive Picture in Picture (PIP) display simultaneously presents the operator with the entire web and opposite edges of the web at separate magnifications. Discovery Web Monitor is a scalable solution which is field upgradable to the fully automated defect detection software of Discovery PQ, combined with Discovery Multiscan.

Our Discovery Multiscan Manager pulls together the images and allows the implementation of any number of Discovery Multiscan software tools to read, control, inspect, verify, log and report - providing 100% quality inspection and print data integrity.

100% Colour Web Viewing On Press:

- Full HD Web Viewing and display of entire web
- Web Speeds > 300m/min (>1000 feet per minute)
- 100mm-1700mm web widths
- Simple, intuitive touch screen interface
- Display multiple locations of web at different magnifications
- Easily retrofits to presses and rewinders– enhances the performance of existing equipment
- Setup and save jobs for repeat length and viewing
- Easily upgradable to fully automated Discovery defect detection and reporting system



“Picture in Picture” displays entire web with magnified, user definable sections



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Inspect & Display

- Foils
- Clear Films
- Flexible Packaging
- Variable Printing
- Labels, Cards & Tickets



Input Devices

Line Scan Cameras 2K or 4K colour cameras with high performance optics

Triggering High resolution encoder

Processor/ Interface

Operating System Windows™ XP

Processor Intel Pentium IV

Process Time Over 300m/min

Chassis Standard PC or Industrial Rack Power I I0-230VAC

Approvals CE/UL Certified

Interface Touch Screen Monitor

(Discovery Web Monitor is configured with standard, secure network interface for remote service and support)

Integration Hardware

On Press Standard press mounting kits

Rewinders Web stability frame, web guide and path rollers available when necessary

Scalability / Upgradability

Discovery Web Monitor uses the same hardware and software platform as Lake Image System's comprehensive automated defect detection system, Discovery PQ. With a software upgrade, Discovery Web Monitor transforms into an automated solution which identifies, displays, records and enables action upon print quality defects such as colour deterioration, hiccups, blemishes, streaks and voids.

Europe and Rest of World



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