SEE IT. BELIEVE IT.

Automate print inspection like never before.

Because in an industry with tight margins, printers need to run an even tighter operation. Any unnecessary downtime, material waste, and reruns can make or break your business. Trade your time, labor and frustration for PQV 4.0, and let it work its magic.

- **Meet Wizard-iQ.** Your new print inspection companion that takes the complexity out of your printing jobs, and puts in the magic. With the most comprehensive interface on the market, the Wizard-iQ can set up a repeatable process with a few simple clicks, lowering the technical barrier of entry for new employees.

- **Automate it all.** PQV 4.0 allows you to automate more than ever before. With automated-Delta-E color monitoring, cutting-edge barcode recognition, and sensitivity & lighting presets, PQV 4.0 takes the manual legwork out of monotonous setups, so you can sit back and run to the numbers.

- **Find the needle in the haystack.** PQV 4.0 boasts micrometer inspection precision, providing clear and detailed mapping and reporting. The state-of-the-art camera systems offer both single and double-sided 100% print quality inspection for any application. Nothing is getting past you.

It's time to sit back and reap the benefits of PQV 4.0.
Because it doesn't just work well, *it works like magic.*

PQV 4.0 *Works like magic.*

BALDWIN®

inspection mode: sheet 126

Standard System Features

PQV 4.0 – 4th generation with Wizard IQ	•
Auto train Delta-E, barcodes, text, graphics and die cut areas	•
Independent classification and tolerancing of defects	•
Defect queue for operator review	•
Job storage, error report and audit trail	•
24" LED 1920x1080 HD touch-screen monitor	•
Power protection with battery backup	•
Windows 10 64 bit operating system	•
Integrated idler roller assembly for web control	•
Diagnostics and on-line support via internet	•
Supports web and sheet fed applications	•

Guaranteed System and Performance Specifications

Guardian PQV Model	11	14	18	23	28
Camera type	4K Color	4K Color	4K Color	4K Color	4K Color
Maximum web width	279 mm	356 mm	457 mm	584 mm	711 mm
Camera cable length	4.5 m	4.5 m	4.5 m	4.5 m	4.5 m
Led lighting	Standard	Standard	Standard	Standard	Standard
Minimum defect contrast	2.5%	2.5%	2.5%	2.5%	2.5%
Maximum web speed	164 m/min	208 m/min	268 m/min	342 m/min	417 m/min
Minimum defect size	0.07 mm	0.09 mm	0.11 mm	0.14 mm	0.17 mm
Missing font size	2	2	3	4	4

Options Not Included in Base System Pricing

Reflective materials lighting	•	•	•	•	•
Clear materials lighting option	•	•	•	•	•
Alarm light stack and audible alarm	•	•	•	•	•
Defect mapping and enhanced reporting	•	•	•	•	•
Alarm light stack and audible alarm	•	•	•	•	•
Repeat length monitoring	•	•	•	•	•
Pdf check module	•	•	•	•	•
Dimensional measurement	•	•	•	•	•
OCR/OCV	•	•	•	•	•
Barcode decoding	•	•	•	•	•
Barcode grading	•	•	•	•	•
Defect map editing workstation	•	•	•	•	•
Defect map control workstation	•	•	•	•	•
Guardian Real Time Monitoring	•	•	•	•	•
FDA 21 CFR Part 11	•	•	•	•	•
Custom lighting e.g. UV & IR	•	•	•	•	•
Variable data support	•	•	•	•	•
Bi-directional inspection (rewinder)	•	•	•	•	•

Contact

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