...is for Pioneering

SEEING IS BELIEVING

Baldwin Technology is a partner of vast experience. A company that has over 100 years of innovation and pioneered process automation and UV-LED.

Baldwin offers customers a broad range of market leading technologies, with a focus on improving the economic and environmental efficiency of production processes.

Its latest launch, the result of the company's desire to help customers alleviate problems such as unplanned downtime, waste and reruns, is a new print inspection system – Guardian PQV 4.0, which has now been upgraded with advanced automation, micrometre inspection precision and its new innovative Wizard-iQ Interface.

It has been developed for high sensitivity markets such as currency, banknote, security and pharmaceutical.

Building on the success of the established Guardian PQV 3.0, the new system offers three substantial upgrades to enable operators – through the simplified access to newly automated advanced and powerful features – to enhance efficiency, and boost productivity.
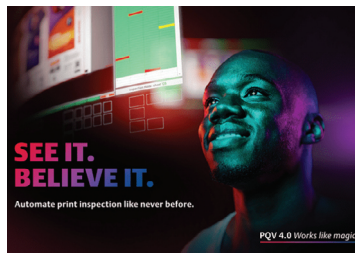
TAKING OUT COMPLEXITY

The Wizard-iQ simplifies automated inspection. With just a few clicks, it sets up a repeatable process that takes the stress out of managing previously complex tasks.

PVQ 4.0 allows printers to be more efficient than ever before. With automated Delta-E colour monitoring, barcode recognition, sensitivity and lighting presets, it takes the hard work out of monotonous automation set ups, saving operators time.

The state of the art camera systems offer both single and dual sided 100% print quality inspection for any application.

The PVQ 4.0 comes with an AI level algorithm that will find all valid colour measurement locations within any image, consistently and repeatably for fast and rigorous colorimetric analysis, whilst the Project Wizard finds any barcodes present. With the low contrast feature enhancement, important features, like varnish, and critical defects, such as hazing, are clearly visible to the operator.

Another important feature is the Reusable Master Image, which allows the originally approved reference image to be used any time a given product is run, ensuring brand fidelity, and streamlining set up on recurring jobs.

With a new and improved scanning technology, errors and faults can be detected with micrometre precision and give you a detailed report for correcting mistakes.

IT'S WIZARD!

The Wizard-iQ features new commands and functions that allow for efficient, time saving set ups so operators can create inspection jobs in no time. The comprehensive, all in one interface allows immediate access to enter job parameters or to simply recall a previously run job in seconds.

You can quickly access all standard job data as well as advanced sensitivity settings, lighting settings, and barcode and colour settings — all from one window.

Additionally, Wizard-iQ does all the work upfront, making project configurations as quick and easy as possible.

It also boasts a UX optimised colour theme for efficient navigation and improved usability, with a modernised, intuitive user interface that places more emphasis on the product images and defects as they occur, ensuring issues are easily understood and can be addressed quickly.

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SEE IT.
BELIEVE IT.

Automate print inspection
like never before.

inspection mode: sheet 126

PQV 4.0 *Works like magic.*

BALDWIN®

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EUROPE 2023

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