BetaFlex Pro FlexoEyePlus Software now Features WorkFlow Automation

FlexoEyePlus Software for the BetaFlexo Pro, the optional software data collector & report generator guides the operator to efficiently collect the plate data needed in a high volume production environment **and now includes BetaFlex Pro "Workflow Automation", QR Code Relational Database.**

Tightly integrated into the standard software application, it introduces convenient PASS/FAIL icons to evaluate minimum and midtone dot, stain density, cutback curve, plate relief, and more.

The Production Log Report captures halftone and micrometer data and generates a highly concise one-line report in real-time for each plate. Measurements are automatically compared to targets and tolerances, out–of-spec data is highlighted on the spreadsheet-like report.

The optional **FlexiGage Micrometer** measures plate thickness and relief and writes the data directly to the FLEYE+ reports for production control and ISO compliance.

WorkFlow Automation adds a Common Reference Database, QR Code imaging, and XML messaging to link the BetaFlex Pro system and optionally the customer's ERP system and their ESKO Automation Engine. User-defined target values and tolerances are maintained in the database along with plate definitions and specifications.

The Micro QRCode on the processed plate is read by the BetaFlex Pro, identifying the Job and the Plate Type. XML messaging then checks for updates to the specifications and loads them if necessary.

The reporting suite consists of two highly detailed and illustrated reports, the Material Reference file, and the concise Production Log and associated output

QR Codes are generated by the user's workflow system or the BetaFlex Pro software. Micro QR Codes are interpreted within the BetaFlex Pro application software while XML messaging and hot folders are used

to communicate plate targets and tolerances, plate ID, and instrument settings. Reports and data are maintained in hot folders as well as output in user-selected formats.

The reporting suite consists of four highly detailed and illustrated reports;

• **Laser Check report –** verifies Laser Power, Focus, Linearity, and Minimum Dot formation
• **Plate Check report –** ties Plate Material, Job ID, Min Dot, Process and Workflow Curves together
• **Material Reference –** allows creation of a Plate material file used as input to Laser and Plate reports
• **Statistics –** creates plots of Laser and Plate report data across user-selected materials and dates

BETAFLEX PRO WORKFLOW AUTOMATION

FlexoEyePlus Software with WorkFlow Automation introduces a completely new method to organize and qualify flexo plate production using the latest hardware and software tools.

• **QR Codes are generated by the user's WorkFlow System**, typically the ESKO Automation Engine
• **Micro QR Codes are interpreted and created directly** within the BetaFlex Pro application software.
• **XML messaging is used to communicate plate targets** and tolerances, plate ID, and instrument settings
• **Hot Folders are maintained for Input and Output of XML Data,** Reports, and References.

The NEW BETAFLEX PRO WORKFLOW AUTOMATION SOFTWARE is part of the accessory FlexoEyePlus Software and utilizes a micro QR Code and full relational database to track the photopolymer sheet through imaging, processing, and final QC check.

WORKFLOW AUTOMATION STREAMLINES & SYSTEMIZES PLATE PRODUCTION

- **Identification**
- **Analysis**
- **System setup**
- **Reporting of all plate production parameters**

Working in conjunction with the ESKO Automation Engine, the QR code is automatically generated and imaged on the mask. Face and back exposure settings come directly from the Automation Engine. Plate type definitions are contained in the QR Code used to set the plate processor parameters. **This eliminates the possibility of operator error when keying in the exposure and processing settings for the plate.**

- **Operator error is eliminated with the automated BetaFlex Pro parameter selection**
- **Customized plate types are easily created, verified, and stored in the database, as well as transmitted to remote production facilities.**
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- **Plate identification is written to a Micro QR Code and decoded by the BetaFlex Pro Workflow Automation software.**

The Micro QR Code on the processed plate is automatically recognized by the new BetaFlex Pro Worflow Automation software which is part of the FlexoEyePlus software suite, setting the measurement parameters, recording the measured results of dot area, dot structure, plate thickness, and relief. A report is generated, written to the relational database, linking the plate measurements to the customer, and job.

This system uses: QR and Micro QR Codes, XML messaging, your customer's ERP System, and the ESKO Automation Engine.

BetaFlex Pro Workflow Automation
Micro QR Code Recognition
Read Directly From the Plate

BetaFlex PRO Flexo Plate & Image Analyzer