gmg proofControl

Verify your color

The proof is the most important tool for color communication in print production. It plays a decisive role for color corrections during data preparation and is also the color reference when giving the OK for printing and for ink control on the press.

If you proof with GMG systems, then you have already opted for top quality. But how do you communicate it? GMG ProofControl helps you do just that. The quality control software for proofs is a key element in a networked and standardized work environment. It permits contract-quality verification of a proof in a matter of seconds, and makes color accuracy objectively measurable.

Target groups

- print buyers, prepress businesses and printers
- anyone who wants to create a common and reliable basis for communicating color with proofs
- remote proofing users

Your advantages at a glance

◄ *Production reliability through quality assurance*

GMG ProofControl guarantees reliable and complete quality control based on a defined standard. This is the only way to ensure that the proof simulates the subsequent printing process as accurately as possible. Marginal anomalies and errors occurring on the proof printer can be detected early on. Expensive imperfect prints and embarrassing complaints from customers are avoided, and customer loyalty is lastingly improved.

◄ *Support of international industry standards*

The proof is verified on the basis of incorporated target values from international industry standards, such as ISO Offset, ISO Newspaper, PSR Gravure (ECI), SWOP, GRACoL and 3DAP. This check is based on a color control strip which is output together with the proof data and which reproduces correspondingly defined colors of an industry standard. The Fogra Media Wedge has become generally accepted for this purpose in the German-speaking countries. However, control strips used in other countries can also be evaluated, such as the 3DAP Wedge or the SWOP/GRACoL Control Strip.

◄ *Automatic evaluation and documentation*

After measuring the control strip, the actual values are automatically compared to the target values of the selected industry standard. For all proofs lying within the defined tolerances, a self-adhesive label is printed on a label printer.

This label, which shows all the data and measured values of relevance for production, is signed by the user, who attaches it to the corresponding proof. Together with the control strip, the label clearly documents the quality of the proof. All information, such as actual and target values, and the control reports are saved in a database, making it easily accessible in the long term.

◂ *Flexibility due to customized quality criteria*

In addition to using international standards, GMG ProofControl also allows users to define their own quality criteria. To this end, you can define your own control strips, target values, measuring conditions and tolerances (Delta E color difference formulas to CIE 1976, CIE 1994, CIE 2000 and CMC), which are then used as the basis for verification.

◂ *Simple operation and rapid evaluation*

Thanks to the intuitive user interface, users can immediately start working with GMG ProofControl and verify a proof in a matter of seconds. The scope of supply optionally includes the Eye-One spectrophotometer from X-Rite. The measuring instruments integrated in current printers are also supported.

◂ *GMG ProofControl Inline*

GMG ProofControl Inline permits fully automatic verification of contone and halftone proofs on printers with integrated measuring instruments. The control strip is measured and evaluated automatically. Depending on the printer model, the results are printed directly on the proof printer, alongside the control strips, or on a separate label printer. If necessary, GMG ProofControl Inline also starts printer calibration.

GMG ProofControl Inline also validates spot color control strips, identifying colors which cannot be reproduced by the proof printer.

More information is available from your graphic arts dealer or at **www.gmgcolor.com**.

Technical Data GMG ProofControl

Software requirements	
Operating system	Microsoft Windows Server 2008 R2, Windows 7 (32-/64-bit), Windows 8 (32-/64-bit)
Hardware requirements	
Processor	Intel® Pentium III or higher
Memory	256 MB RAM, 5 GB hard disk
Graphics card/ Monitor	TrueColor graphics card with 1024 x 768 dpi resolution
Miscellaneous	DVD-ROM, 3x USB port
Features	
Supported printing standards	Reference values for all common international printing standards, such as ISO, PSR, SWOP/GRACoL, 3DAP, etc. and for corresponding common control strips are included.

Features	
Supported labelprinters	Zebra TLP 2824, Zebra TLP 2824 Plus and Dymo LabelWriter 400, 450
Supported measuring devices	X-Rite i1 with and without UV cut-off filter (also suitable for monitor calibration), X-Rite i1Pro2, X-Rite i1iO
	Integrated measuring devices in different printers
Supported languages	English, German, French, Italian, Portuguese, Spanish, Chinese traditional and simplified, Japanese, Korean
Scope of supply	GMG ProofControl on DVD; dongle; manual; optional: X-Rite i1Pro2, label printer incl. ribbon and roll of labels
Options/ licenses	GMG ProofControl (same scope of supply as above, but without X-Rite i1Pro2 and/or label printer)
	GMG ProofControl Inline

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