



Verify your color

The proof has acquired a key function in print production. It not only plays a decisive role for color corrections during data preparation, but 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 offers you totally new capabilities for color-accurate verification of a proof within seconds.

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.

▼ *International industry standards incorporated*

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 that is output with the proof data and with correspondingly adapted colors, such as Fogra Media Wedge, the 3DAP Wedge or SWOP/GRACoL Control Strip.

▼ *Automatic evaluation and documentation*

After measuring the control strip, the actual values are automatically compared to the stored target values. For all proofs lying within the defined tolerances, a self-adhesive label is then printed on the label printer that likewise forms part of the system. 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 and comprehensively documents the quality of the respective proof. All information, such as actual and target values, and the control reports are saved in an exportable database.

▼ *Incorporation of the latest guidelines*

The stored tolerances correspond to the new, tighter guidelines for digital proofs, which are stipulated in ISO Standard 12647-7 and additionally give consideration to differences in hue (hue difference Delta H). Delta H permits statements to be made regarding the exact reproduction of neutral-gray colors in the proof.

▼ *Flexibility due to customized quality criteria*

You moreover, have the option of customizing your 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 need virtually no training before starting to work with GMG ProofControl and can verify a proof in a matter of seconds. The scope of supply optionally includes the Eye-One spectrophotometer from X-Rite. The measuring instrument integrated in the Epson printers and the HP Zx100 series is also supported.

More information on GMG ProofControl is available from your graphic arts dealer or at www.gmgcolor.com.

Technical Data GMG ProofControl

Software requirements	
Operating system	32- and 64-bit operating systems Microsoft Windows 2000, 2000 Server, 2003 Server, XP Professional, Vista, Windows 7
Hardware requirements	
Processor	Intel Pentium III or higher
Memory	256 MB RAM, 5 GB hard disk
Hardware	CD-ROM drive, 2 x USB port, true color graphics card with 1024 x 768 screen resolution
Features	
Advantages	Reliable color communication through proof inspection and verification Complete quality control based on a defined standard Reproducible print quality and high customer satisfaction Incorporated industry standards; user-defined quality criteria Self-adhesive label with information on production-relevant data and measured values Support of Delta H for better control of exact reproduction of neutral gray in the proof
Features	
Implemented printing standards	Target values to ISO Offset 27L-32L and 39L-40L; PSO LWC Improved 45L, PSO Uncoated 47L; PaC.Space; ISO Newspaper 26 and 30; 3DAPv3; GRACoL 2006 #1; SWOP 2006 #3 and #5; PSR Gravure (ECI) HWC, LWC, MF and SC; evaluation to new and old ISO 12647-7 tolerances possible
Software components	GMG ProofControl
Supported measuring instruments	X-Rite Eye-One with and without UV cut-off filter (also suitable for monitor calibration) Epson Stylus Pro 7900, 9900 integrated measuring device Integrated measuring device of the HP Zx100 series
Output device	Label printer Zebra TLP 2824, Zebra TLP 2824 Plus and Dymo label printer 400
Supported languages	English, German, French, Italian, Spanish, Chinese, Japanese
Scope of supply	GMG ProofControl on CD; X-Rite Eye-One spectrophotometer with or without UV cut-off filter; label printer (incl. ribbon and roll of labels); manual; dongle
Option	GMG ProofControl unbundled (same scope of supply as above, but without spectrophotometer and/or label printer)



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