



gmg rapidCheck

Printing process control by mouse click

Standardized printing processes enhance efficiency and production reliability in any print house. Constant quality control is a part of this. GMG RapidCheck is the ideal answer to this demand – because this software permits an inexpensive and quick check of whether a printing press is operating, or the sheets are being printed, within a defined standard.

Target groups

- Print houses in sheet-fed and web offset printing, newspaper printing, flexo printing, etc.
- Print buyers, such as agencies and publishing houses

Your advantages at a glance

▼ Increased production reliability

Based on a single measuring procedure, GMG RapidCheck supplies all the relevant information concerning the print job in question. The measured data are displayed in a clearly structured graph for evaluation. In this way, the following parameters can be analyzed at a glance:

- Printing density and print contrast
- Tone value increase and spread
- Primary and secondary colors, color space

- Paper
- Gray balance (ISO, NPDC)
- Ink acceptance
- Slur and doubling

In the event of deviations from the specified tolerances, the printer can quickly make corrections on the press and thus ensure compliance with the selected printing standard. As a result, the quality of a print or an entire print run is checked, and proof provided of conformity with the respective printing standard.

▼ Traceability and legal certainty

The software contains a database that provides a rapid overview of the past and present status of the press. This makes it possible to draw up trends, averages, and comparisons, and thus to guarantee that the print products delivered are always of the same, high quality. Printing conditions can be traced at any time, e.g. as a safeguard against complaints. On the other hand, the print buyer can quickly determine whether the prints delivered comply with the required quality standard. The integrated filters permit targeted searching, e.g. only for print jobs from a particular press, or on a

particular paper, for a specific customer or from a specific print house.

▼ *Simple handling*

The user interface of the new GMG RapidCheck version is even more intuitive, and its handling is now easier and quicker. The user is guided step-by-step through the analysis procedure, meaning that errors are almost entirely ruled out. In addition, the software contains explanations and correction notes, e.g. on how to assess measurements and what to do if the measurement obtained is outside the defined tolerances. This quickly puts the user in a position to ensure the required quality without external help.

▼ *Support of all leading standards*

In addition to ISO Standards ISO 12647-2 and -3, as well as in-house standards, the NPDC calibration method (NPDC = Near Neutral Density Curve) is now likewise supported. This is particularly important for the

American and Asian markets. The GMG Unified Control Wedge already contains all the information needed to check a print for compliance with the requirements of ISO Standards or the NPDC method. Other commonly used control strips are supported, or can quickly be created in an editor.

▼ *Import and export of colorimetric data*

Spectral data can be exported as a text file for use in other software, as and when required. GMG RapidCheck 2.0 supports all common measuring instruments from X-Rite and Techkon. Particular mention should be made here of the IntelliTrax and the SpectroDrive. No control wedge has to be created for these two scanners. The measured data are stored in a hot folder that GMG RapidCheck accesses without delay, instantly displaying the results of the current measurement.

You can get more information from your graphic arts dealer or at www.gmgcolor.com.

Technical Data GMG RapidCheck

Software requirements	
Operating system	Microsoft Windows 2003 Server, 2008 Server, XP Professional, Vista
Recommended hardware	
Processor	Intel Core Duo or compatible, 1.6 GHz or higher
Memory	1 GB RAM, 20 GB hard disk
Monitor/ Graphics card	Screen resolution 1024 x 768 or higher, supporting DirectX 9c
Miscellaneous	2 x USB port, DVD-ROM
Product features	
Supported measuring instruments	X-Rite EyeOne, SpectroEye, X-Rite 530; Techkon SpectroDens, RS800

Product features	
Supported standards	ISO 12647-2:2007 (with all 5 paper types), ISO 12647-3 with the specifications for Newspaper, GRACoL 2006, verifying of in-house standards (TVI or NPDC calibration method)
Import and export options	Colorimetric data
Supported control strips	GMG PrintControl / GMG RapidCheck Unified Control Wedge, ECI / BVDVM Gray Control Strip in different formats, user defined control strips
Supported languages	English, German, Spanish, Italian, Chinese, Japanese
Scope of supply	GMG RapidCheck software version 2.0, manuals on CD, dongle, control strips



GMG GmbH & Co. KG, Moempelgarder Weg 10, 72072 Tuebingen, Germany.
Tel. +49 7071 93874-0, Fax +49 7071 93874-22, info@gmgcolor.com, www.gmgcolor.com.

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