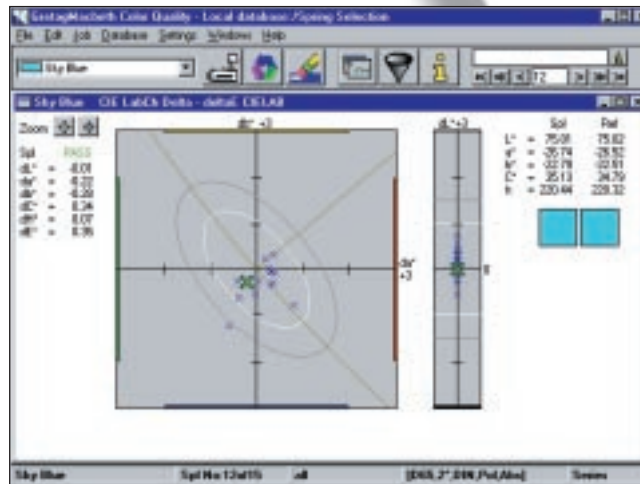


# Color Quality Software

Ensure Consistent Color Quality For Ink And Print Production

Also available:  
**PANTONE® Color Library**  
for Color Quality



# Everything Under Your Control

**Color Quality from GretagMacbeth. Guaranteed color fidelity for every order, from A to Z. Precise measurement, continuous control, consistent documentation. Comprehensive quality assurance from GretagMacbeth. Precision instruments. Accurate data. Proven technology which offers the user much while demanding little: simple operation of a highly versatile system.**

Demanding users in the graphics industry and ink manufacturers expect measurable proof of complete quality from color control software. Color Quality guarantees consistent color quality.

## **Maintain High Quality Standards While Keeping Costs Low**

With Color Quality you will meet the quality standards from the start. For each new job, you enter references and at the same time set color standards and tolerances. In addition, you store information on the measurement conditions for each customer and any other important order

details. The result is quality standards which pay off – both in production and in lower costs. The same color data can be checked, compared, displayed and statistically evaluated according to various criteria. Color Quality offers you unlimited opportunities to check your data in a closed quality system. From the receipt of the initial print order or repeat orders to delivery of the final printed material you have colors, paper, proofs and the final product under constant control.

## **Your Link To Tomorrow's Technology**

Color Quality is a versatile, flexible and network-capable program. More important still, its practical concept will make your daily work easier and faster.

The user interface is clear and simple. Users are guided through each task step by step. A simple click of the mouse displays data on the screen in seconds for comparison and evaluation. Trend data, CIELab diagrams, spectral data and statistics, density values and metamerism can be printed in graphic or table form.

Connection to all GretagMacbeth spectrophotometers and links to other software applications – such as GretagMacbeth ColorNet™ – provide your interface to tomorrow's technology.

## **Comprehensive And Clear**

Your customer's color standards are stored with the entered color tolerances, measurement conditions and customer-specific information. Reference values can be transferred from the spectrophotometer's memory, read in as a current measurement, entered by hand or retrieved from the database. In addition, the PANTONE® Color Library enables you to directly access the spectral values of Pantone colors for coated and uncoated paper, reliably and with confidence.

Practical search criteria help access new or existing color data, print orders or customer information. Data is stored by individual customer or in groups.



*Entry of customer-specific data, color standards and tolerances*



*Color measurement of original reference materials with the SpectroEye*



### **Ensure Complete Control Over Every Detail**

You can select the display of colors – references and samples – and color deviation to meet your needs. Data can be shown as a trend or displayed in graphic or numeric form. This display of data and the parallel job- and batch-oriented procedures give you timely and complete control over even the smallest details and variations which might affect costs.

### **A Binding Record**

Color Quality makes consistent color quality verifiable and quality control measurable. The proof of your quality standards is provided by the printout of the clearly organized record. Trends, CIE Lab, spectral values and statistics can be viewed at a glance. Consistent quality – meeting every standard – raising your productivity and lowering costs.

All GretagMacbeth programs are written with international professionals and their daily tasks in mind and are available in six languages. On-line context-sensitive help and search functions are fully integrated. Additional information and support is always available on request from the GretagMacbeth training and customer service specialists.

### **The GretagMacbeth Package Includes**

- CD-ROM with Color Quality software
- comprehensive installation guide and user manuals
- data protection key

Optional extra:

- PANTONE® Color Library for Color Quality

### **System Requirements**

- personal computer with Windows 95 or higher or Windows NT installed or Apple Macintosh computer with MacOS 7.0 or higher, at least 20 MB storage space available on hard disk
- spectrophotometer from GretagMacbeth: SpectroEye, SPM, Spectrolino or ColorEye with connection cable



*Display, evaluation  
and comparison of  
data*



*Printing the quality  
protocol*



*Guarantee of consist-  
ent color quality for  
every order*



# The GretagMacbeth Color System

**One single measurement is enough. GretagMacbeth ColorNet™ links colors and allows network access to color recipes, control of color quality and the conversion of special colors to process colors.**

For the first time, color data can be monitored and verified from the receipt of an order and the color measurement of the original color sample, through pre-press processing and printer calibration to delivery of the final printed product. GretagMacbeth ColorNet™, the network solution for total quality control.

## Quality Throughout

GretagMacbeth hardware – spectrophotometer and densitometer – and GretagMacbeth software allow decentralized access to the same color data.

GretagMacbeth ColorNet™ links colors and ensures complete, consistent quality throughout the network and for all applicable software: Ink Formulation, Color Quality and CMYK Conversion – plus all the other future-oriented solutions.

## Ink Formulation

Color formulation software for measurement, recipe calculation, mixing and toning of transparent and opaque special colors. Cost factors such as special colors and residual inks can be controlled efficiently with Ink Formulation, the first software package developed for both ink manufacturers and the graphics industry. The program is available for Windows.

## CMYK Conversion

Software for conversion of special colors to process inks. Sample colors are measured using a GretagMacbeth spectrophotometer and converted directly to dot percentages for cyan, magenta,

yellow and black. Exact adaptation to the particular printing conditions. Choice between chromatic and achromatic ink formulation. Dot percentages for each process color are displayed in 1% steps. The program is available in both Windows and Macintosh versions.

## ProfileMaker

Scanners, digital cameras, monitors, all types of output devices – with the color measurements taken and reference values from test charts this proven color management software generates Photoshop separation tables and exact color profiles which meet the ICC standard. Workflow tools handle the automatic color conversion for the image and page layout files. They identify TIFF, JPEG, EPS and PostScript formats and convert them according to the ICC profiles for the relevant input and output devices. The program is available for Windows and Macintosh.

For more information, please contact your nearest GretagMacbeth representative.



**Color Control Systems, Inc.**

*Solutions for all your Color Control needs.*

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