

Automated Color Quality Suite for DocuColor 7000AP/8000AP

Consistent Color... Automatically

Color Standards...What Color is Acceptable?

- How do you describe the colors in these photos?
- How closely do they match?



Automated Color Quality Suite (ACQS) for Xerox DocuColor 7000/8000, 7000AP/8000AP Digital Presses

Whether a job is printed one time on one device



or multiple times on multiple devices...



over a short time ...



or an extended period...



Consistent Color... Automatically is both needed and expected.

Color Consistency Goals – Stability and Accuracy...Automatically

Color Stability (repeatability)

- Same color over time and across machines



Color Accuracy

- Closeness of rendered color to requested color



Why Color Consistency Matters

Colors on print job match design intent (accuracy)



Original run and reprints look the same



Maintaining color consistency reduces waste



What is the Automated Color Quality Suite?

ACQS is designed to improve **color accuracy** (fidelity) and **repeatability**, while increasing shop **productivity** to increase **available press time**



All at the touch of a button

Automating Consistency: “ACQS Inside”

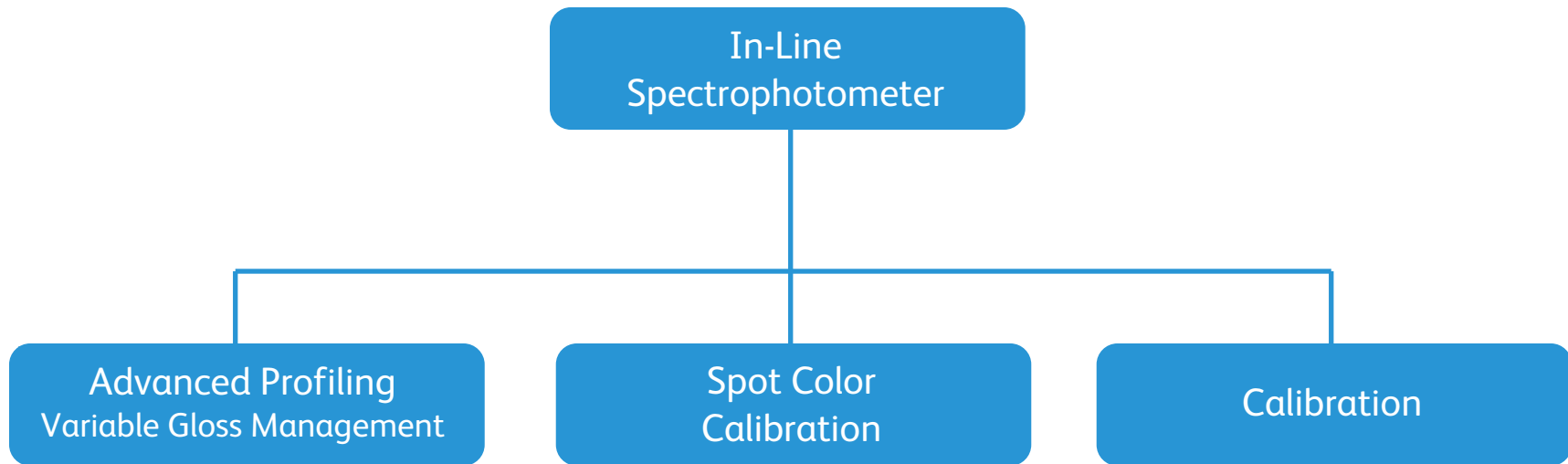
An Internal Spectrophotometer is mounted inside the printer for automating color quality on the DocuColor 7000AP/8000AP



Internal Spectrophotometer



One Spectrophotometer, Multiple Productivity Enhancements



Advanced Profiling

Maps RGB and CMYK source images to a desired press-like output—making it easier to emulate source color spaces and to get more pleasing color.

Benefits:

- Provides outstanding color accuracy
- Emulates industry color standards such as GRACoL and ISO
- Results in better neutrals, shadow and highlight detail, and photo rendering



Variable Gloss Management

Optionally adjust the image rendering for the preferred level of glossiness and overall appearance

A Variable Gloss Management Profile is optimized for each specific printer, halftone (dot) and stock



Spot Color Calibration

Automatically color-corrects spot colors to official Pantone coated values

Benefits:

- Improves accuracy and control
- Runs automatically
- Ensures repeatability over time and across printers
- Simple, reliable tool requires no special color knowledge or skill

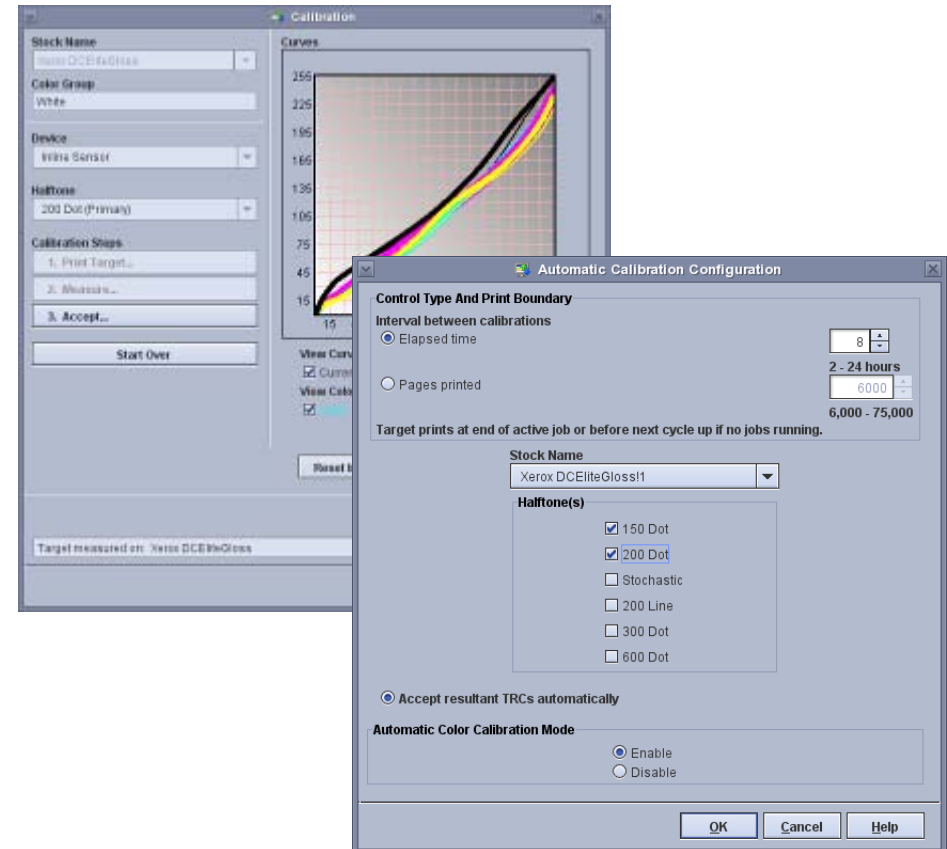


Automated Calibration

Calibration of the press returns system to a specified standard... totally “hands free”

Benefits:

- Reduces non-productive printer time and facilitates job turnaround
- Allows for automatic scheduling—making your press operator more productive



Why Use Automated Color Quality?

Internal spectrophotometer runs at rated speed of printer

Fully automatic processes don't require operator actions

- Operators can't forget or get too busy
- Eliminates human error

Faster time to press



Power for Greater Productivity and Profit

The ACQS Press Matching System gives you the power to transform time into profit, increase the quality and consistency of your color, and become an indispensable partner to your customers.



Key benefits:

More stable color.

Get remarkably consistent color day after day and across several machines.

Better color. Faster.

You have a finite amount of time. Shift more of it from maintenance to production.

Pantone® matching.

Save time and get more pleasing color for your customers automatically.