

Pulse™ QC Ensemble

The complete quality control solution for validating output quality and color consistency.

The Pulse QC Ensemble is ideal for internal proof verification needs, remote proofing applications and any application where color consistency is critical to your work.

Using precision color technology and friendly easy to use tools, the ensemble helps you maintain color consistency and meets the needs of your demanding color workflow. The Ensemble provides everything you need to define your target printing conditions, set the tolerances that you wish to operate within, and quickly measure print results for pass/fail analysis. Pass/fail results can then be printed onto a verification sticker (printer optional) and can be stored in the network database for trending and statistical analysis.

The Desktop edition provides an easy-to-use pass/fail client and includes industry-standard target and tolerance values for SWOP and GRACoL printing. The Network edition includes ColorShop X Analyze, the pass/fail client and the QCcolor Server – which supports multiple client connections and provides the storage tank for you to archive your important workflow data. These integrated technology suites will help you identify and remove your workflow cost, and achieve the highest level of color consistency.



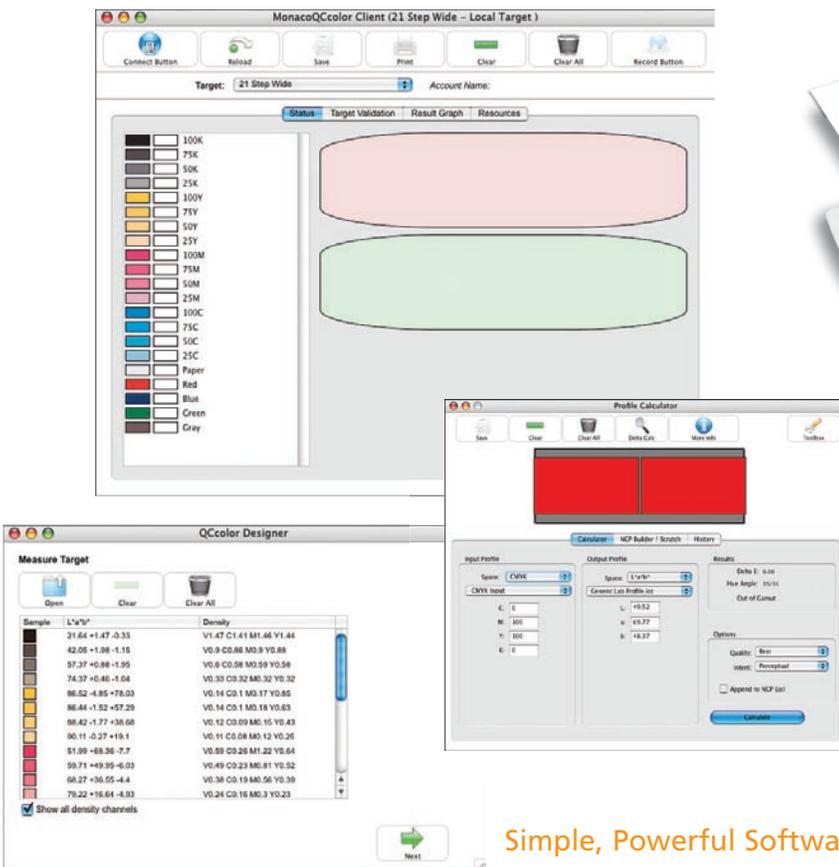
Pulse QC Ensemble

Pulse QC Ensemble offers a fast, flexible and simple solution that adapts to your color consistency needs. This comprehensive solution combines the GATF Intertech Technology Award-winning Pulse with the richly-featured MonacoQCcolor software, available in both Desktop and Network editions. These solutions allow you to measure the color consistency of all of your output devices using industry-standard references or custom workflow targets and tolerances.



Fast, flexible, simple solution with the Pulse Spectrophotometer

All parts of the solution work together to reduce errors and produce consistent results. The handheld spectrophotometer features one-touch scanning and adapts to your own hand motion. It also has the flexibility to take measurements where you want and store your color samples in its on-board memory - up to 3000 color samples. The Pathfinder's alignment guide, calibration plaque, spot reader and scanning speed strip are built in so there are no stray parts to misplace. Once your print or proof has been measured you can return to your workstation for fast data upload in a few easy steps.



Simple, Powerful Software

When it comes monitoring and measuring your workflow consistency, ease-of-use is critical to realizing the benefit of your solution. The MonacoQCcolor client instantly provides users with an easy-to-read pass/fail status and allows users to upload their results to the QCcolor server quickly and seamlessly. You can then print verification labels and reports to attach to your output for easy tracking. Powerful analysis tools allow robust reporting by target, user, device, media, date and numerous other options.



Pulse Spectrophotometer

The Pulse spectrophotometer was developed through extensive hand and motion studies, resulting in a simple, ergonomic form that is user friendly and supports the way you work. It complements your grip and enables comfortable and active motion.

- The Pulse measurement device can be used while connected to a computer via USB or untethered for remote hand scanning or patch reading
- The Pulse can store up to 3000 patches and has enough on-board power for 10 measurements, ensuring capacity for large targets
- The integrated bar code is used as target indexing, allowing you to reduce read errors and increase usability
- Indicator light and sound provide immediate user feedback, ensuring accuracy and reliability

Pathfinder for Pulse

The Pathfinder is a 12-inch integrated hand scanning guide that allows you to easily align the Pulse against the intended targets. The optional backer board gives you a CGATS/ANSI-conforming surface for optimal results.

- Pathfinder protects your media, eliminating scratches and smearing of patches
- Alignment assistance, scanning feedback, calibration plaque and spot reading guide are integrated, reducing the opportunity to lose necessary components
- An optical sensor monitors the speed and direction of the scan to automatically compensate for the scan motion of the user. This reduces error and increases efficiency.

MonacoQCcolor

MonacoQCcolor software makes color quality control easy. The desktop version allows users to measure proofs for pass fail compliance against industry standards. The network version allows users to build custom standards, track and trend their output results, and remove unnecessary cost from their workflow.

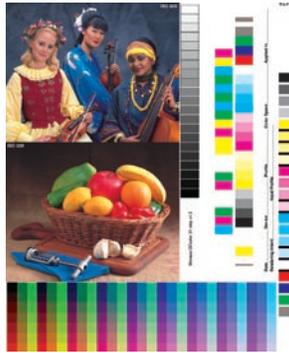
- Verify output color against SWOP and GRACoL industry standards
- Build your own custom workflow standards with ColorShop X
- Print pass/fail sticker to Dymo label writer (optional) or any digital printer
- Create custom labels and reports to provide all the data you need to qualify your prints or proofs
- Easily update target tolerances without having to re-measure using the MonacoQCcolor designer
- Track multiple print attributes including Color, Density, Dot Area, Hue Error, and Grayness.
- Evaluate you workflow results using the statistics tools for a quick look at your workflow results
- Use the Detailed Target Analysis tools to plot workflow trends over a period of time to better understand workflow consistency
- Print reports from any of the statistics or trending screens to evaluate your workflow for cost and to determine process improvement opportunities.
- Configure your system to automatically notify you if failed results are submitted to the database.
- Use the analysis tools to email specific data results directly from MonacoQCcolor for fast response to important color issues
- Administer your database user privileges using the included server management tools.

OPTIXXR2 Colorimeter (Optional)

Our precision colorimeter is designed to simulate the human eye. Hardware-assisted brightness and contrast adjustment ensures the widest tonal range and largest color gamut possible for your display.

- Glass cover over lens for accuracy and proportion provides a robust surface that is easy to clean and prevents scratching
- Creates ICC profiles for CRT and LCD panels
- Set hardware white points with measurement device
- Adaptive brightness setting for LDC displays provides accurate color in any viewing environment
- Profile reminder application can establish a profiling schedule for your entire workgroup
- Multiple monitor calibration calibrates multiple displays connected to the same workstation quickly and easily





Color consistency is a critical factor in determining your success in a quality sensitive workflow. While ICC can help you get the color right the first time, quality control helps you keep that color right. The Pulse QC Ensemble offers the latest technology for monitoring and measuring your output results and helps ensure that your color is consistent from job to job. MonacoQCcolor gives you all the tools to reduce cost and control your color effectively – whether you are using the system to validate your results against industry standards, or whether you have built your own custom targets and tolerances for your own specific workflow.

Pulse QC Ensemble package options

Pass/Fail Options	Desktop	Network
Use Industry-standards (SWOP/GRACoL)	•	•
Use Custom-standards	*	•
Print standard pass/fail label	•	•
Print custom pass/fail label or report	•	•
Trending and Analysis		
Save pass/fail data to text file (XML)	•	•
Save Pass/Fail data to Database		•
Analyze trends from multiple samples		•
View production statistics from multiple samples		•
Other		
Create custom workflow references	*	•
Supports both spectral and density-only devices	•	•
Includes MonacoQCcolor Client	•	•
Includes ColorShop X Analyze		•
Includes QCcolor Server		•

* Requires ColorShop X Analysis, sold separately.

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L11-194 (07/06)

