

OnColor QC Lite

Product Technical Data Sheet

Vista compatible & supports Instrument Profiling!

Windows Graphical User Interface

2 Report Screens	Displays your color data in Color Plot, or Spectral Plot report screens. All are customizable for the job at hand
Keyboard Shortcuts, Hot Spots, Tool Tips	These tools combine everything you want to do in a single keystroke or double click of the mouse. Cursor over your trials to display the name. Right click to select, edit, delete, or hide it. Use the handy Zoom feature to expand an area on graphs.
Intuitive Navigation	You'll find all of the options easily and quickly following basic Windows program flow

Report Screens

Color Plot	Displays colorimetric and delta data in graphical and tabular format along with color patches, visual assessments, pass/fail, and any selected color indices. Customize the screen to show as much or as little information as you need.
Spectral Plot	Displays spectral data (%R, %T, K/S, or A) in graphical and tabulated format; add the spectrum bar or grid for additional impact; graph either a single sample or multiple samples in absolute or difference mode; display in multiple colors for multiple curves

Measurement Options

Instruments	Works with all color instruments from major manufacturers
Calibration and Instrument Setup	Manages the calibration and configuration of the instrument for SCI/SCE, UV inclusion and calibration, aperture settings, reflectance or transmittance mode, etc. Selectable calibration interval. Green tile test for validation of calibration.
Averaging	Sample averaging with mean, standard deviation, variance, range, min and max; flexible or fixed number of readings; timed measurement loops; "undo" feature lets you repeat the last reading. Average last "N" trials.
Naming Options	Numerous naming options provide many ways to document your readings; use auto naming to establish and apply a naming scheme for each trial; notes, up to 20 job ID's, and alternate names give many options to tag each reading as needed
Trial Utilities	Use these utilities to manage your data or customize a report: Sort, edit, hide, unhide, delete, find. Select any trial and use the "switch" option to make it the standard; or derive a new standard by averaging the selected trials
Measurement Modes	Provide flexibility for the task at hand. Choose between normal, multi-status, opacity & reflectivity, or haze & diffuse transmittance modes; Hitch calibration mode allows you to tie readings from two different instruments together.

Advanced Features

Send Mail	Send color data worldwide directly from OnColor via your email program, email the screen capture, or send the data in spreadsheet form
Print Labels	Print a label for your sample or standard on a Dymo Label printer of L*a*b*, deltas, indices, job ID's along with an optional bar code

Color Parameters and Indices

Illuminants and Observers	Observer: CIE 2° and 10° Standard Observers Illuminants: CIE Standard Illuminants A, C, D65, D50, D75; CIE fluorescent Illuminants: F2, F6, F7, F8, F10, F11, and F12; Ultralume U5000, Horizon
Color Spaces/Color Difference	CIE L*a*b*, CIE L*C*h*, CIE L*u*v*, CIE XYZ (Yxy), Hunter lab, FMC-2, CMC, CIE 2000, CIE 94, GE-PQS, Audi, DIN99, Munsell HVC
Indices	<p>Strength: Apparent, Chromatic at λ max or user selected, equal apparent, tristimulus, pseudo-tristimulus, DE at equal strength</p> <p>Metamerism: CIE, DIN 6172</p> <p>Whiteness: CIE, ASTM E313, Berger, Taube, Stensby, Hunter, Ganz- Griesser,</p> <p>Tint: CIE, ASTM E313, Ganz-Griesser</p> <p>Yellowness: ASTM D1925, ASTM E313, DIN 6167, APHA</p> <p>Brightness: ISO 2470, TAPPI, TAPPI 452</p> <p>ISO Textile: Stain test ISO 105.A04 (E), Gray scale ISO 105.A05.2, Standard Depth ISO 105.A06, Red stain dye test</p> <p>Chromaticity: Dominant wavelength and excitation purity; Rx, Ry, Rz; NBS 100, NBS 200</p> <p>Opacity: Infinite thickness (paper backing), contrast (89% tile backing)</p> <p>Haze: ASTM D1003 Correlated Haze, Z%</p> <p>Gloss: % gloss</p> <p>Measurement Parameters: Date, Time, Sensor, Status, UV %</p> <p>Averaging Statistics: Range, standard deviation, variance, total count</p> <p>Shade Sorting: 555</p>

Data Management

Batch History Files	A basic OnColor save-set file consists of one color standard, color tolerances for multiple illuminants, color parameters and an unlimited number of trials. These files can also be configured to hold multiple standards and tolerances for single-angle, multi-angle, or multi-status instruments
Spreadsheet	Easy and flexible options to save your data to a spreadsheet. Just click on the data you want to export and send it to a text file to be read by Excel or many other spreadsheet and word processing programs.
Report Property Templates	Report Property templates let you customize screen layouts according to your personal preferences or the job at hand. Save multiple “skins” and change the look of your screen in a single click.

OnColor Suite of Color Software

QC	Available in QC “Lite” or regular or for colorimeters. The Lite version includes all basic quality control features. The full version adds more graphical reports, Database of Standards, security, macros, and statistics
Match Gold	Full version of the formulation and correction program includes modules for match prediction, formula storage and retrieval, batch correction, and colorant database loading and maintenance. Designed to be the complete color lab package.
Match Silver	Designed to be the satellite system. Uses a colorant database generated by the Gold package. Includes all modules except the colorant analysis module.
Other Licenses	Also available are network licenses for deployment on a company wide network, and non-measuring work licenses for manager’s use in the office for report generation and data manipulation.

Minimum system requirements: PC running Windows 2000, NT, XP or Vista; USB port for hardlock; communications port for instrument connection; color printer desirable