

Datacolor® Tools

Smart color analysis and visualization for quality control



Datacolor Tools is an easy-to-use color quality control application for industries where color accuracy is a critical component of overall product quality. It enables objective analysis, reporting, communication and visualization of accurate color results. By setting pass/fail tolerances you can ensure consistent color quality and remove subjectivity in your color evaluation process.

This solution is designed for color development and quality control specialists in textile, automotive, paint, plastic, ink, paper, cosmetics and other industries.

Increase your productivity

- Streamlined lite mode allows for faster data processing
- High level of flexibility in defining, selecting and working with industry color standards
- Ability to view colors on texture on a calibrated monitor enables full digital workflow
- Seamless integration with Datacolor Match Textile and Match Pigment formulation software

Ensure product quality

- Objective color assessment with sample temperature, accurate colorimetric data, and a clear visual quality representation.
- Open standard QTX protocol enables full color approval tracking and communication
- Confident evaluation with a comprehensive list of illuminants, including latest CIE LED standards
- Support more customers with the ability to add encrypted color libraries

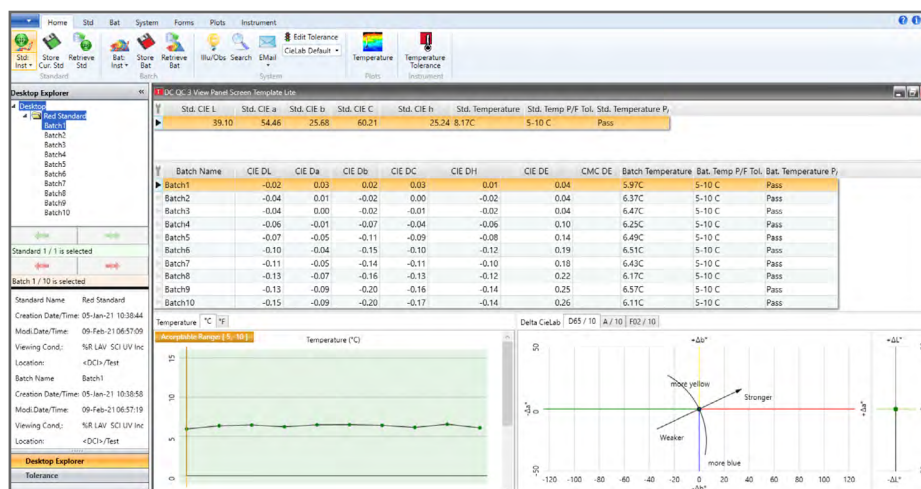
Simplify your workflow

- Intuitive user interface that is easy to learn and master
- Customizable layout to meet your individual needs
- Easy data navigation with the desktop explorer

Painless transition

- Full backward compatibility - QTX data exchange format is fully backward-compatible with Datacolor Tools 1.x and 2.x.
- QTX data exchange file format is fully backward-compatible with previous versions of Datacolor Tool

Datacolor Tools



Suitable for installation in standalone, client-server LAN, or Terminal Server/Citrix environments.

Software Maintenance Support

Enroll your Datacolor Tools on a Software Maintenance Support plan that ensures you have ongoing access to the latest software updates, expert assistance via phone and email, and compatibility with the newest operating systems. Stay current, maximize reliability, and maintain peak efficiency with Datacolor's comprehensive support.

System requirements

Component	Recommended
Operating System	Windows 10 and 11 (Pro or Enterprise Only)
Required Framework	Microsoft .NET Framework 4.7.2 or higher
Processor	Dual Core or higher (See Windows Operating System Requirements)
Memory	8 GB or more
Hard drive	500 GB
Display	1920x1080 - size of text only 100% supported
Graphic card	Graphic card supporting OpenGL 2.1
Connections	Serial, USB, Bluetooth or Ethernet (Depending on spectrophotometer model)
Server OS	Windows Server 2016, 2019, 2022
Additional Requirements	SQL Server 2012 to 2019
Internet Connection	Internet access recommended for software updates and license activation

Note: Lower system configurations may limit performance, data capacity and operation of some features. Faster processor, more memory and faster hard drives will significantly enhance performance.

Software Specifications

	Tools Basic	Tools Plus
LITE Mode	✓	✓
Configurable button bars	✓	✓
Hide menu bar/button bars	✓	✓
Screen forms	Limited set of	✓
Print forms	Limited set of	✓
File forms	Limited set of	✓
Multiple form display	✓	✓
Marks & Spencer setup	✓	✓
Manual curve adjustment	✗	✓
Manual gloss adjustment	✗	✓
Color Indices		
Full range of Color Indices including: E313 Whiteness/Yellowness, Berger Whiteness, CIE Whiteness/Tint, Ganz-Griesser Whiteness, TAPPI 525 Brightness, R457 Brightness, GE PQSII Yellowness	✓	✓
ASTM Haze (4 measurements)	✗	✓
CMCCON97 Color Inconstancy	✓	✓
DIN 6172 Metamerism index- additive and multiplicative	✓	✓
APHA 10 Scale	No form but in grid	✓
Gray scale color change, Gray scale for staining	No form but in grid	✓
ISO 150-A06 Standard Depth	No form but in grid	✓
Statistics-std deviation, mean avg	✓	✓
Tolerances		
CIE L*a*b*C*h* u*v*, CIE 94, CMC, CIE DE2000, GE PQS, M&S 89, FMCI, Hunter	✓	✓
Per-standard tolerances	✓	✓
Edit temperature tolerances	✓	✓
Datacolor, AI and Generic tolerancing	No creation of new	✓
New/Edit/Delete multiple tolerance blocks	Limited selection	✓
Plots to support above Tolerances (2D and 3D) and absolute Trend and Histogram (NOt for generic Tolerances)	✓	✓
3 Illuminant Plot display	✓	✓
Visualization		
Envision Color Patch (new component) Color patch (solid)	✓	✓

	Tools Basic	Tools Plus
Color patch (Image File)	X	✓
Forms, templates and Business Fields		
Form Editor	X	✓
Text output, Edit boxes, List boxes, Buttons, Plots (new types)	✓	✓
User defined fields	✓	✓
Date Picker	✓	✓
Instruments & Data Management		
Connect a wide range of Datacolor and competitive Instruments	✓	✓
Various methods for Standard/Batch entry Manual entry of %R / %T values, Color Coordinates	✓	✓
Storing data in the database	✓	✓
Swap standard/batch	X	✓
Load standard as batch and batch as standard	✓	✓
Save modified Template as new	X	✓
Create custom database fields	X	✓
Use Procedures previously created	✓	✓
Save Screen for Startup	✓	✓
User Management		
User Management Module	X	✓
Create a new user	No, only default ones	✓
Customizing a user profile	X	✓
Links and Output Options		
Direct link to Formulation Packages	✓	✓
Direct link to TRACK and/or ENVISION	X	✓
E-mail capability	X	✓
Export to ASCII file	✓	✓
Miscellaneous		
Terminal Server or Citrix Environment	X	✓
Dynamic Sorting Module and Side-Center-Side Module	X	Optional

For more information, please visit www.datacolor.com