Datacolor TOOLS

Datacolor TOOLS PLUS

PLUS WORKSTATION



Installation Instructions



Datacolor TOOLS Installation Guide (July 2021)

All efforts have been made to ensure the accuracy of the information presented in this format. However, should any errors be detected, Datacolor appreciates your efforts to notify us of these oversights.

Changes are periodically made to this information and are incorporated into forthcoming versions. Datacolor reserves the right to make improvements and/or changes in the product(s) and/or program(s) described in this material at any time.

©Copyright 2021 Datacolor. All rights reserved. Datacolor is a registered trademark of Datacolor.

Microsoft and Windows are either registered trademarks of Microsoft Corporation in the United States and/or other countries.

To obtain information on local agents, sales or support contact, visit our website at https://www.datacolor.com/contact/business-solutions-contacts/

Committed to Excellence. Dedicated to Quality. Certified to ISO 9001:2015 in Manufacturing Centers Worldwide

Contents

INSTALLATION OVERVIEW	4
INTRODUCTION SYSTEM REQUIREMENTS DATABASE INSTALLATION SETUP TYPE DATACOLOR TOOLS UPDATE	
DATACOLOR TOOLS INSTALLATION	7
OVERVIEW DATACOLOR TOOLS INSTALLATION PROCEDURE LAUNCHING DATACOLOR TOOLS	7
LICENSING DATACOLOR SOFTWARE	14
OVERVIEW SOFTWARE LICENSING PROCEDURE	14 17
APPENDIX	20
INSTALLING DATACOLOR TOOLS USING MS-SQL	20

Installation Overview

Introduction

Datacolor Tools 2.8.1 installation USB drive (Including Sybase 12.0.1.3994 Rev4)

This document provides the procedures required to install and license Datacolor TOOLS in a stand-alone configuration. This procedure includes the following steps:

Installation of Datacolor TOOLS Licensing of Datacolor TOOLS

See Sybase Installation Guide USB for detailed instructions.

System Requirements

The system requirements shown below are the minimum configuration to ensure effective operation of the Datacolor TOOLS in a stand-alone configuration.

Component	Recommended	Notes
Processor	Dual Core Processor	1
Memory RAM	8 GB	1
Free Hard Drive Capacity	500 GB	1
Video Resolution	True Color	2
DVD Drive	DVD Writer	3
Available Ports	(1) RS-232 Serial (for older spectrophotometers) (3) USB	4
Operating System	Windows 10 (32 or 64 bit)	5
Email (for supported level)	Outlook 2007 or above, POP3	
Authenticated Sybase Database, supplied with the system	Sybase 12.0.1 EBF 3994 Rev 4	
Optional Database upon request	Microsoft SQL Server 2012	6
Server OS	Microsoft Server 2016	7

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

2) Accurate on-screen color display requires monitor calibration and true-color video mode.

3) Datacolor TOOLS is supplied on one DVD and Sybase 12 is supplied on a DVD. Recommend a DVD writer for data backup and file transfer from stand-alone systems.

4) Datacolor spectrophotometers use either an RS-232 Serial or USB connectors. Datacolor Spyder4[™] requires a universal serial bus (USB) connection. Printer port requirements depend on the specific printer selected.

5) Windows 32 bit and 64 bit operating systems are supported. 64 bit hardware running Windows 32 bit operating system is supported. Datacolor Tools is a 32 bit application.

6) Microsoft SQL Server database is only available for the textile database format.

7)Windows Server 2016 is supported.

Database Installation

Datacolor TOOLS runs under Sybase and MS-SQL. The majority of installations use the Sybase database management program.

Sybase Database

Sybase is a database management system and is required to run Datacolor TOOLS. Sybase v. Sybase 12.0.1 EBF 3994 Rev 4 must be installed to install or update Datacolor Tools. See also Sybase 12.0.1 EBF 3994 Rev 4 Installation guide for installation instructions for both new installations and Sybase updates.

MS-SQL Database

Some systems use MS-SQL for database management. If your previous version of Datacolor Tools was using an MS-SQL database, the program update does not install Sybase Adaptive Server. See also Appendix, Installing Datacolor TOOLS Using MS-SQL in this guide for information on the MS-SQL setup.

Setup Type

The most critical selection you will make during the Datacolor TOOLS installation is the Setup Type:

Datacolor TOOLS Plus Setup Type Select the setup type that best suits your needs.	
Click the type of setup you prefer.	
Custom Paint Plastic Ink Setup Textile Setup	Description Select this option if you run Match Textle, or if your primary industry is textles.
stalSteld	Back Next > Cancel

This selection determines the database structure created for your TOOLS data and defines the Datacolor color formulation programs that can share data with TOOLS. Review the table below carefully before making this selection.

▲ IMPORTANT

If you add color formulation software later, this selection determines whether you can share Datacolor TOOLS data with the color formulation program.

Currently, TOOLS cannot be installed on the same computer system as Match Pigment and TOOLS shipping version.

Setup Type Program Compatibility

i.

Custom Setup	NOT RECOMMENDED FOR MOST APPLICATIONS Allows you to install specific features of Datacolor TOOLS. This is provided only for use by Datacolor representatives.
Paint Plastic Ink Setup	This is used by manufacturers that color products using pigments, typically paint, coatings, plastics, and ink applications. It is the required selection if you will be adding Datacolor MATCH Pigment at a later time.
Textile Setup	This is used by the manufacturers of textile products. It is the required selection if you will be adding Datacolor MATCH Textile at a later time.

Datacolor TOOLS Update

When you are updating Datacolor TOOLS, please consider the following.

Adobe Acrobat Reader Installation

Adobe Acrobat is used to view and print any Datacolor User Guide. To install Adobe Acrobat, click on the **Adobe Acrobat Install** button on the installation menu.

Datacolor TOOLS Installation

Overview

If Sybase 12.0.1 EBF 3994 Rev 4 is not installed on the system you cannot complete the installation of Datacolor TOOLS.

If Microsoft .NET 3.5 SP1 is not present on the system, Datacolor TOOLS setup will install it, and internet connection is not required.

Before You Begin

Microsoft Windows® should be properly installed on your computer. You must have Windows Administrator rights to install this software. Install Sybase 12.0.1 EBF 3994 database management software. – Follow Sybase Installation Guide USB Close all other programs that are running.

Datacolor TOOLS Installation Procedure

1. Insert the Datacolor TOOLS USB drive into the USB port.

2. Select the Menu.exe

The installation program should launch automatically, and an installation menu will appear:



Select Install Datacolor Tools PLUS

Note: This example is from Tools PLUS but it will vary depending on the level of software purchased.



When the Main Installation Menu is displayed, choose "Install Datacolor Tools PLUS" If you do not see this installation menu, do the following:

Click the Start button.

From the Start menu, choose Run.

In the Run dialog box, type **D:/MENU** and click **OK**. (If your CD drive is a letter other than D, use that letter in the dialog box.)

3. The Datacolor TOOLS installation will prompt you to select a language:

Choose Setup Language	
Select the language for the installation from the choices below.	
Onnese (Simplified) Onnese (Traditional)	
President Schneid Schneid Prench (Standard)	
German Italian	
Japanese	
Polish	
Portuguese (standard) Russian	
Spanish Turkish	
Contraction of the second seco	

 $\label{eq:select} \text{4.Select the appropriate language and click } \textbf{OK}.$

5.Make your selection and click **Next**.

The installation wizard will open:

Datacolor TOOLS Plus	Welcome to the InstallShield Wizard for Datacolor TOOLS Plus The InstalShield Wizard will instal Datacolor TOOLS Plus on your computer. To continue, click Next.	×
	<2od Next > Canol	711

6.Click Next to continue.

You will be prompted to accept a software license agreement:

icense Agreement			V
Please read the following license agree	ment carefully.		
Press the PAGE DOWN key to see the	rest of the agreement.		-
IMPORTANT: READ THIS AGREEMENT BUITON, INSTALLING, COPYING OR IS SOFTWARE YOLL AGREE TO BE BOLD	CAREFULLY, BY CLICK OTHERWISE USING THE	ING ON THE "YE DATACOLOR	5'
NOT AGREE TO THE TIRKES OF THESI NOT INSTALL, COPY OR OTHERWISE This loomes agreement (Lorenze') to a Systems, Inc. (doing business as Data access and use the Datacolor softwar Lorense (the "Software"). This Lorense and Service (the "Terms") attached by	ID BY THE THING OF T JOENSE, CJOC ON TH USE THE DATACOLOR a legal agreement betw acoior) ("Datacolor") gr e owned by Datacolor a soverned by Datacolor a soverned by The Te elow. Except as specifi	HIS CICENSE. IF E 'NO' BUTTON SOFTWARE. een you and Ap inting you certa and provided wi mis and Conditi ed in the Terms.	MID DO plied Color in rights to th this ons of Sale , in the
Not addet to the teshes or thesi not addet to the teshes or thesi hot pactal, corr or or orrestricts the longe agreement (tesnes is a system, inc. (doing business ab tub access and use the Otacoor softwa Loone (the Software). This Loone and Service (the Terms') attached b Do you accept all the terms of the prec elect No, the setup set dose. To not accept this agreement.	NO BT THE TISMS OF THE ISCHERE, CLOCK ON THE USE THE DATACOLOR is legal agreement before active ("Datacolor") gr re owned by Datacolor") gr re owned by Datacolor re governed by the Te elow. Except as specifi toding License Agreeme al Datacolor TOOLS PL	Its LICENSE. IP E TWO" BUTTON SOFTWARE. een you and Ap inting you certs and provided wi mis and Condition ed in the Terms nt? If you d, you must	ND DO pied Color in rights to th this ons of Sale , in the Print

7.To continue with the installation, you must accept the agreement by clicking Yes.

atacolor TOOLS Plus	
Choose Destination Location Select folder where setup will install files.	
Setup will install Datacolor TOOLS Plus in the following folder.	
To install to this folder, click Next. To install to a different folder, another folder.	, click Browse and select
Destination Folder	
Destination Folder C: 'Program Files (x86)'Datacolor'(Spectrum'Datacolor Tools	Browse
Destination Folder C: 'Program Files (x86)'Datacolor'Spectrum'Datacolor Tools	Browse

The installation procedure will confirm the folder location for Datacolor TOOLS:

To select a different folder location, click Browse.

8.Click Next to accept the default location.

The program will prompt for a setup type:

Description Select this option if you run Match Textile, or if your primary industry is textiles.

SETUP TYPE SELECTION IS IMPORTANT! The most common choices are Textile Setup, and Paint Plastic Ink Setup. These refer to the types of materials you use. *See also Setup Type in this guide for a discussion of this selection.*

9.Make a setup selection and click **Next**.

The program prompts for additional Datacolor TOOLS components to be installed:

Datacolor TOOLS Plus			×
Select additional components to inst	all:	10	1
Select additional components to instalt			
Form Editor			
netecnec	¢ Back	Next >	Cancel

The optional program features that you can choose to install on the system include:

Form Editor. This is a separate program that allows you to customize Datacolor TOOLS forms. We strongly suggest that you install this program. If you do not and decide to use it later, you must repeat the entire program installation to install it.

Marks and Spencer Forms. This option only displays for textile users-

- 10. Make the selections appropriate for your application and click Next.
- 11. Click **Next** through the remaining screens that are displayed.



The installation is now complete.

12.Click **Finish**. To run Datacolor TOOLS, you must restart the system. After you have restarted the system, launch Datacolor TOOLS immediately.



This restart is requested after each Datacolor program is installed. You do not have to restart between each program installation. This is done once after all Datacolor programs are installed.

Launching Datacolor TOOLS

Datacolor TOOLS can be launched from a program icon on the desktop.

1. Click on the Datacolor TOOLS icon on your desktop:



H. NOTE

You can also start by clicking Start/ Programs/Datacolor Spectrum/ Datacolor TOOLS.



- No password is required for the default configuration.
- The default user name is User.
- The default password is CC3.
- 2. Enter the appropriate login and password and click OK.

The License Validation screen below will automatically display until you have validated the license(s).

Product	License Status	1
atacolor TOOLS atacolor TOOLS PLUS	Demo Days Left: 14 Demo Days Left: 14	
atacolor TOOLS PLUS Workstation	Demo Days Left: 14	

When you install Datacolor TOOLS you are given 14 days to validate the software license.

We strongly encourage you to validate all Datacolor software licenses. See also Software License Validation in this guide for detailed instructions.

Double-click on the Datacolor product to be licensed. See Software Licensing Procedure, step #4 for instructions to complete the license validation.

Click **Close** to skip the licensing procedure and open the program.

If the 30-day demo period has expired, you will not be able to run TOOLS when you click Close on the validation window.

The Tools desktop will open.

Licensing Datacolor Software

Overview

Datacolor SPECTRUM software is protected from unauthorized use by a software license. The license is assigned to each computer for each product. Licenses cannot be transferred from one computer to another computer.

Demonstration Period

When the software is installed, the software license defaults to a demo configuration which allows program access for 14 days. The software license must be validated within the demonstration period.

I NOTES

The demonstration period starts when the program is launched for the first time.

Product	License Status	
Jatacolor FUULS Datacolor TOOLS PLUS Datacolor TOOLS PLUS Workstation	Demo Days Left: 14 Demo Days Left: 14 Demo Days Left: 14	
	C	Close
color Spectrum Products License Val	dation	Close
color Spectrum Products License Val lease double click the product n Product	dation ame if you want to validate the lic	Close
color Spectrum Products License Val lease double click the product n Product Datacolor TOOLS Datacolor TOOLS PLUS Datacolor TOOLS PLUS Workstation	dation ame if you want to validate the lice License Status Demo Days Left: 14 Demo Days Left: 14 Demo Days Left: 14	Close
color-Spectrum Products License Val lease double click the product n Product Datacolor TOOLS Datacolor TOOLS PLUS Datacolor TOOLS PLUS Workstation	dation ame if you want to validate the lice License Status Demo Days Left: 14 Demo Days Left: 14 Demo Days Left: 14	Close

The Datacolor Spectrum Products License Validation screen will be displayed every time you launch the program until you validate the license.

License Validation

A license is validated when you enter an **Unlock Response Number** into the Datacolor Security Client window.

V		1.0			
product.	roduct.		colo	r 💻	
			313: 1	of 1 Licer	nses use
You have	e 12 days left in your demonst	ation pe	riod.		
Internet er	nabled users may validate now by click	ng on this	link.		
sales offic	ce or ular 1-000-902-0490 for toll free se	rvice in the	U.S. a	nu Gana	aua.
Γ	Serial Number			_1	
	Serial Number Computer Validation Number				
	Serial Number Computer Validation Number A322239411096-76610057				
	Serial Number Computer Validation Number A322239411096-76610057 Unlock Response Number				

This number is provided by Datacolor, and can be obtained one of three ways:

Direct web connection. If you have internet access, you can use the link provided in the Datacolor Security Client window. This procedure is documented in the Licensing Procedure section of this guide.

Email. For each product, send the **Serial Number** found on the **USB** case, and **Computer Validation Number** found on the Datacolor Security Client window, to <u>SoftwareLicense@Datacolor.Com</u>. You will receive an **Unlock Response Number** via e-mail. You must enter this into the Datacolor Security Client window.

Telephone. In the US and Canada phone toll free (1-800-982-6496) or call you local sales office. You will need the **Serial Number** and the **Computer Validation Number** for the product. You will be given an **Unlock Response Number** that you will put into the *Datacolor Security Client* window.

Each product is licensed one time.

Product Labels and Software Licenses

You will need the Serial Number for each product you have installed. This number is supplied by Datacolor and is found on the USB case for each product. Shown below is a sample label for the product license Datacolor TOOLS:

April 28, 2010

Company Name Software Family Name			
Product Name: There	datacolor		
options for a single product. This identifies the product options included.	COM: XYZ Corporation APP: Datacolor TOOLS Datacolor TOOLS		
Serial Number Customer Number	SN: 1167508447 CN: 374105		

Before You Begin

Gather the USB cases with serial numbers for each of the products you will be validating.

You will be asked for **Computer Validation Number** each time you run this procedure. This number is generated by the security software and is unique to your computer. It is displayed on the Datacolor Security Client screen, which is open throughout the validation procedure.

addaci	olor Security Client Ver 4				\times
You are oproduct.	ou are currently running a demonstration of this oduct.		:olo	r 💼	
		;	313: 1	of 1 Licer	nses use
(ou ha	ive 12 days left in your demonstr	ation pe	riod.		
Internet	t enabled users may validate now by clicki	ng on this li	ink.		
sales o	ffice or dial 1-800-982-6496 for toll free se	rvice in the	U.S. a	nd Can	ada.
	Serial Number				
	Serial Number				
	Serial Number Computer Validation Number				
	Serial Number Computer Validation Number A322239411096-76610057 Unlock Response Number				
It may ta	Serial Number Computer Validation Number A322239411096-76610057 Unlock Response Number	. Please			
It may ta do so a: use of ti	Serial Number Computer Validation Number A322239411096-76610057 Unlock Response Number Unlock as possible so that you won't be within is software.	. Please but the			ue

During the licensing process you will be provided with an **Unlock Response Number**. You will be required to input that number into this screen to complete the licensing process.

We recommend that you copy and paste the numbers from this validation screen to other input fields as required. This will eliminate licensing errors due to input errors.

Software Licensing Procedure

We strongly recommend that you validate all software licenses immediately after installing the software. The procedure detailed below is used to license the software via a direct web connection.

1.Launch Datacolor TOOLS from the program icon on the desktop and login., and click on the i button on the top right side of the toolbar:



2.Click **About**. The window below is displayed:

II About	
datacolor TOOLS®	
Version: 2.8.0	License System Info
MatchCom: 4.3.0.6	DCTools Info
© 1996-2020 Datacolor All Rights Reserved Warning: This software is protected by copyright law and in Unauthorized reproduction or distribution of this program, may result in severe civil and criminal penalties, and will b fullest extent possible under the law.	nternational treaties. or any portion of it, e prosecuted to the

3.Click License.

The Spectrum License Validation window is displayed:

Product	License Status		
Datacolor TOOLS PLUS	Validated Number of Licenze: 1		

- 4. Double-click on the product to be licensed.
- 5. The Datacolor Security Client window opens:

This screen remains open during the validation process. You will later be asked for the *Computer Validation Number*. We suggest that you return to this window and use the standard Windows **Copy** and **Paste** commands to eliminate keyboarding errors.

Selecting Continue, while in the demonstration period, will by pass the validation procedure and open the program.

🔏 datacı	olor Security Client Ver 4	- 🗆 X
You are opposite of the product.	currently running a demonstration of this	datacolor
		313: 1 of 1 Licenses us
You ha	ve 12 days left in your demonst	ration period.
Internet	t enabled users may validate now by click	ing on this link.
Otherwi	ise, to validate your software, please visit	http://pmweb.datacolor.com. If
you do	not have access to the internet, you can	email the requested information
from the	e enclosed form to SoftwareLicense@Dat	acolor.com or phone your local
sales o	ffice or dial 1-800-982-6496 for toll free se	ervice in the U.S. and Canada.
	Serial Number	
	Serial Number	
	Serial Number	
	Serial Number Computer Validation Number A322239411096-76610057	
	Serial Number Computer Validation Number A322239411096-76610057 Unlock Response Number	
li mavia	Serial Number Computer Validation Number A322239411096-76610057 Unlock Response Number	
It may ta do so a:	Serial Number Computer Validation Number A322239411096-76610057 Unlock Response Number	e. Please
It may ta do so ar use of th	Serial Number Computer Validation Number A322239411096-76610057 Unlock Response Number ke up to seven days to validate your softwar s soon as possible so that you won't be with is software.	e. Please outhe

6.In the *Serial Number* field, enter the serial number for Datacolor TOOLS product you are licensing. This is found on the USB label.

7.Click on the link to the web connection:

🛍 datacolor Security Client Ver 4	
You are currently running a demonstration of this product.	datacolor ma
	313: 1 of 1 Licenses used
You have 14 days left in your demonst Internet enabled users may validate now by click	ration period. ing on this link.

The Web Validation window shown below is displayed:

s software validation web service. To please enter the following information,
John
Doe
syz@company.com
1127315699
A302254003226-80616029

This window provides an Internet connection to the Datacolor web validation service, and remains open during the validation procedure.

In the First Name, Last Name and Email fields, provide your contact information.

In the Serial Number field, enter the product serial number again. It must match the number you entered in the previous screen.

8.Click the Validate button.

9. The window below appears:

10. A number will be displayed in the Unlock Response Number



11. Return to the Datacolor Security Client screen, and enter the Unlock Response Number:



- 12. Return to the Web Validation screen. The validation process is completed, and Datacolor TOOLS is now licensed.
- 13. To end the licensing procedure, click Close this Window.

You will receive an email confirmation containing the serial number and unlock response number for each license you validate. We recommend that you make copies of these for reference purposes.

Appendix

Installing Datacolor TOOLS using MS-SQL

Some systems are using MS-SQL rather than Sybase as the database program. For these systems, the installation procedure differs slightly for both new installations and upgrades.

New Installation on MS SQL System

If you are installing Datacolor TOOLS for first time and will be using the MS-SQL database program, you must do the following before installing Datacolor TOOLS:

From the Windows Control Panel, create the ODBC Data Source Name dci_itm.

Install Datacolor TOOLS.

To create a new MS-SQL database for Datacolor TOOLS, we have provided the tool on the USB to perform this function.

Script File. We have created a script file on the Datacolor USB following location:

[Drive]:\database\SQL Server\MSSQLUpdate.sql.

MS-SQL Upgrade

If you are not connected to the MS-SQL database server on the local system, during the database upgrade the dialog below will display:

Connect Using	SQL Server Auther	vication
Login Name	sa	
Password	r	
	(*)).	

Input the login name and password. If there is no password, just leave password as blank.



If you do not want to update MS-SQL database during the installation, click Cancel. You will receive the following message: *The SQL Server ColorQC database does not update during installation.* You have to update manually after installation.