

# Sher-Color Web Color Eye Installation and Operations Guide

This document provides instructions to install the Sherwin-Williams Color Eye automated Color Eye models for the SherColor Web application.

Please note the following instructions were written using Microsoft Internet Explorer for the browser. For use with alternate browsers the screen displays may appear with slight differences.

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Date	Revision Number	Reason for Revision	Modified By
20180410	Initial	Initial	EDO
20180502	Review	Review	LEG
20180601	Review	Final	LEG
20180605	20180605	Remove section 6- formula files, and section 7- saved formulas	CRZ
20210426	20210426	Updated Section 3 pertaining to copying files from USB drive to computer page 10 and 12	CRZ & LAL
20210913	20210913	Updated Section 3, page 12 USB file information	CRZ
20211209	20211209	Removed in Section 3 reference to checking for java version. New SWDeviceHandler effective 10/21/21 automatically installs java	

***Be sure to read the installation instructions carefully.***



**Revision: 12/9/2021**

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# X-RITE Ci52/Ci62 SAFETY SPECIFICATIONS

Consult this documentation in all cases where the Attention symbol  appears.

This symbol is used to inform you of any potential HAZARD or actions that may require your attention.

## CE Declaration

Manufacturer's Name:	X-Rite, Incorporated
Authorized Representative:	X-Rite, Incorporated Siemensstraße 12b • 63263 Neu-Isenburg • Germany
	Phone: +49 (0) 61 02-79 57-0 • Fax: +49 (0) 61 02 -79 57-57
Model Name:	Spectrophotometer
Model No.:	Ci5X Series, Ci6X Series
Directive(s) Conformance:	EMC 89/336/EEC, EMC 2004/108/EC LVD 73/23/EEC, LVD 2006/95/EC

### Note:

This is a class A product. In a domestic environment this product may cause interference in which case the user may be required to take adequate measures.

## RoHS/WEEE

X-Rite products meet the **R**estriction of **H**azardous **S**ubstances (RoHS) Directive 2002/95/EC and European Union – **W**aste **E**lectrical and **E**lectronic **E**quipment (WEEE) Directive 2002/96/EC. Please refer to [www.xrite.com](http://www.xrite.com) for more information on X-Rite's compliance with the RoHS/WEEE directives.



## Federal Communications Commission Notice

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## Industry Canada Compliance Statement

This Class A digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

## Equipment Information



Use of this equipment in a manner other than that specified by X-Rite, Incorporated may compromise design integrity and become unsafe.

**WARNING:** This instrument is not for use in explosive environments.  
Do not look directly into the measurement optics when the instrument is on.

**Ci6X Transportation:** This product contains a lithium-ion battery. Should you need to ship this device, you may wish to consult published guidance documents by one or more of these organizations for advice on how to comply with the regulations: IATA, ICOA, IMDG & PHMSA. The single cell battery contained in the Ci6X series device is 107g in weight, 7.4V, 2.4 Ah, and complies with the UN 38.3 tests in effect the year it was originally shipped.

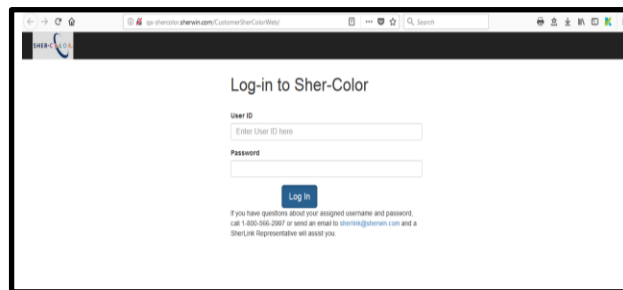
## SECTION 1 – INTRODUCTION AND COMPUTER REQUIREMENTS

1. The following instructions install the Sherwin-Williams Color Eye models for the Sher-Color Web application.
2. The contents of the **Sher-Color X-Rite Color Eye Kit** includes:
  - Ci52 or Ci62 spectrophotometer (color eye).
  - USB data connection cable.
  - Power brick with attached barrel connector cable.
  - Power cable.
  - Calibration base.
  - Instructions.
3. A **USB stick drive is required** for the **X-Rite color eye software** installation at this time. *Please contact your Sherwin-Williams representative or the Sher-Color team to procure this software.* The Sher-Color team may be emailed at [shercolor@sherwin.com](mailto:shercolor@sherwin.com).
4. Color Eyes currently supported in these instructions are **Sherwin-Williams Ci52 and Ci62 Color Eye models developed specifically for Sher-Color web use**. Our Sherwin-Williams and Sher-Color representatives can assist you with X-Rite color eye procurement.
5. Computer Requirements:
  - A Windows 7 system version or greater laptop or computer,
  - 64 bit processor.
6. Computer Software Requirements:
  - X-Rite spectrophotometer and software license.
  - Google Chrome browser.
  - Java Run Time Environment (JRE) 1.8 or greater.
  - Either generally available may be downloaded and installed on the computer from the Internet.
  - **The Sher-Color team can assist you with these set-up items.**
7. **This procedure must be carefully completed to operate the color eye equipment and color matching program.** The web application cannot be configured for automated Sher-Color color matching until all installation document sections are successfully completed.
8. Note any discrepancies or failures as you follow the graphics and instructions. *Please contact your Sherwin-Williams representative or Sherwin-Williams Sher-Color team with installation, operation, or maintenance questions as you complete this procedure. The Sher-Color team may be emailed at [shercolor@sherwin.com](mailto:shercolor@sherwin.com).*
9. Allow ½ hour for installation.

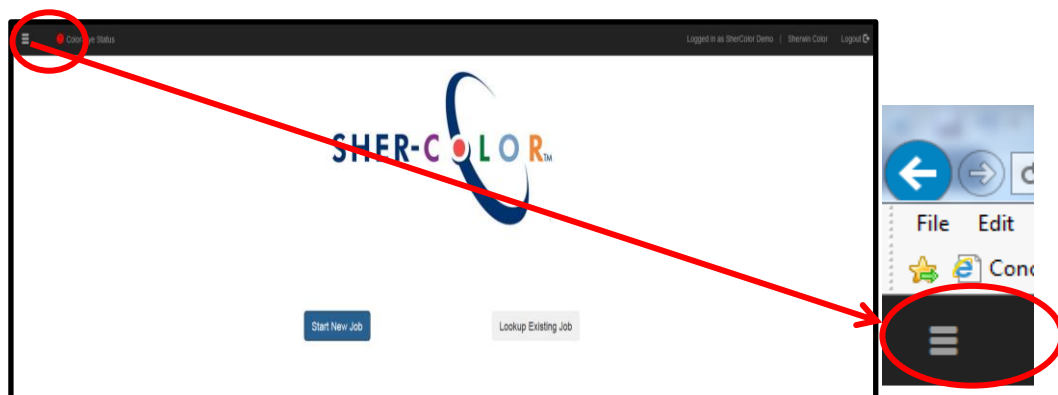
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## SECTION 2 – SHER-COLOR WEB DEVICE HANDLER INSTALLATION

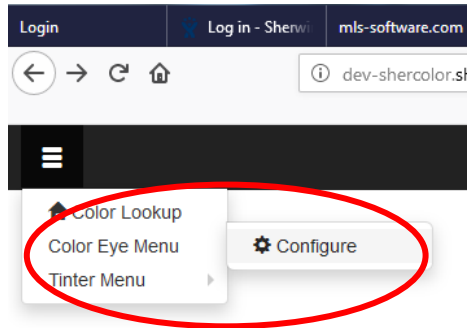
1. The following instructions are for the installation of the Sherwin-Williams device handler software for the color eye interface. Proceed with the Sher-Color Web Device Handler (SWDeviceHandler) installation *only* if this device handler **1) has not been previously installed** for tinter or color eye equipment or **2) requires re-installation**.
2. If the SWDeviceHandler has been previously successfully installed, [proceed to Section 3](#)
3. **NOTE – DO NOT PLUG IN OR INSTALL YOUR COLOR EYE** until after Sections 2 and 3 are completed, then follow the instructions in Section 4.
4. This software requires the **Google browser** to execute. The Google browser current version can be downloaded and installed from the Internet.
5. Open a Google browser and go to <https://shercolor.sherwin.com>.



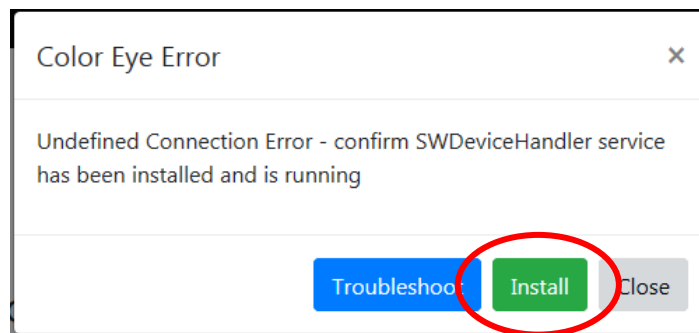
6. The **Sher-Color Web** login page displays. Type in your login User ID and password, then click the **Log In** button.



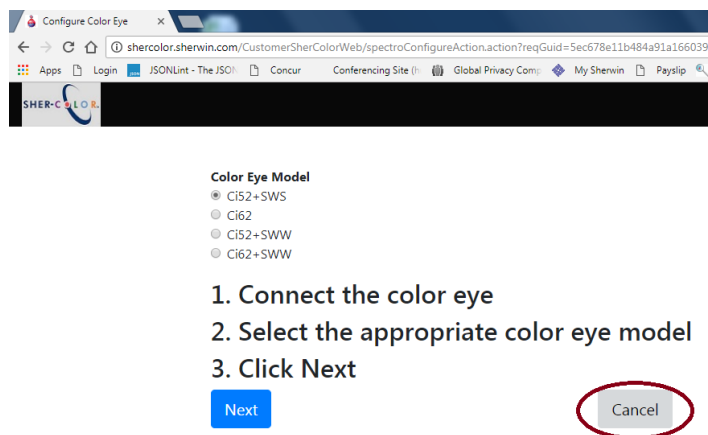
7. The **Sher-Color Main** web page displays. Click the **Menu** icon in the upper left corner of the web page.



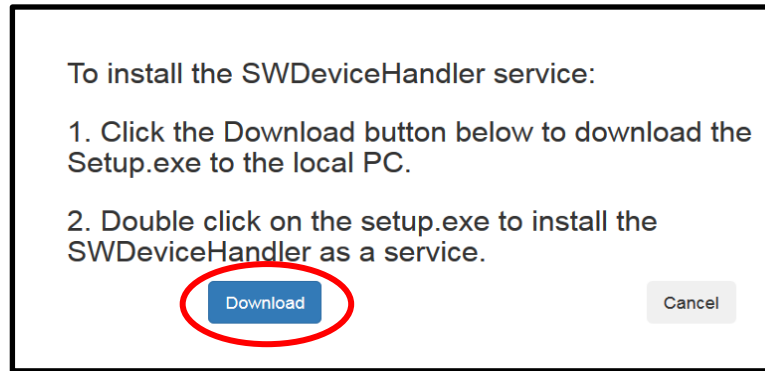
8. Position the mouse over the **Color Eye Menu** choice, and then click the **Configure** menu choice.



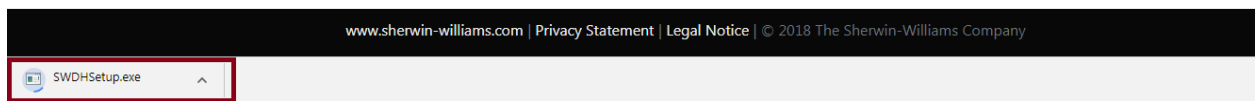
9. The **Configuration Error** dialog box opens after a short time inside the configuration web page. This error message displays when device handler software installation is required. Click on the **Install** button.



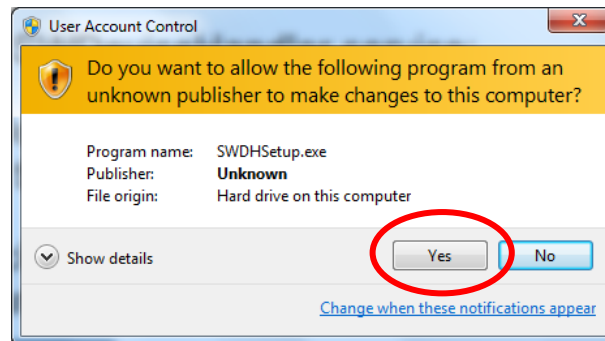
10. If the above **Configuration** page displays (no error message dialog box for installation), the **SWDeviceHandler has been previously installed for color equipment**. Click the **Cancel** button to return to the Sher-Color Main menu. Stop here. Go to Section 3 and continue the procedure.



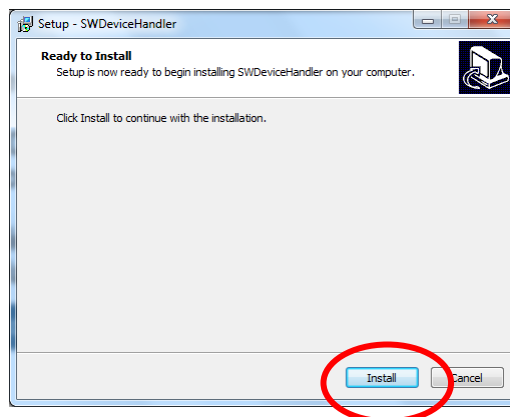
11. The Sherwin-Williams **SWDeviceHandler** service web page displays. Click the **Download** button.



12. The **SWDHSetup.exe** button displays, without the update size interactive update, when download is completed. Click the **SWDHSetup.exe** button to run the installation program. An Opening SWDHSetup.exe message briefly displays on the button.

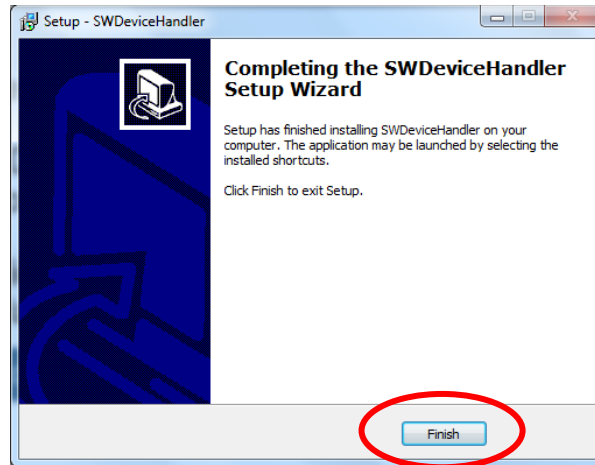


13. The **User Account Control** dialog box then displays. Click the **Yes** button to continue the software installation.

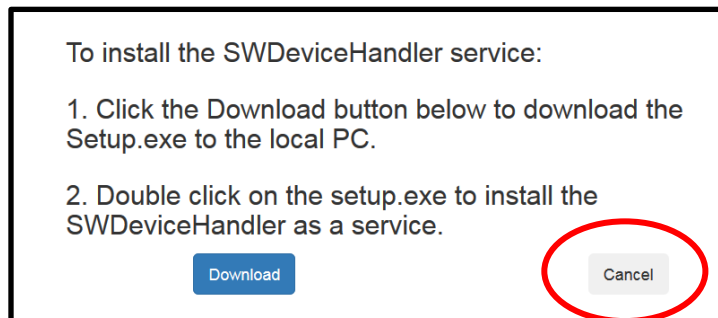


14. The **Setup - Ready to Install** dialog box displays. Click the **Install** button.





15. The **Completing the SWDeviceHandler Setup Wizard** dialog box displays upon software installation completion. Click the **Finish** button to complete the installation successfully.

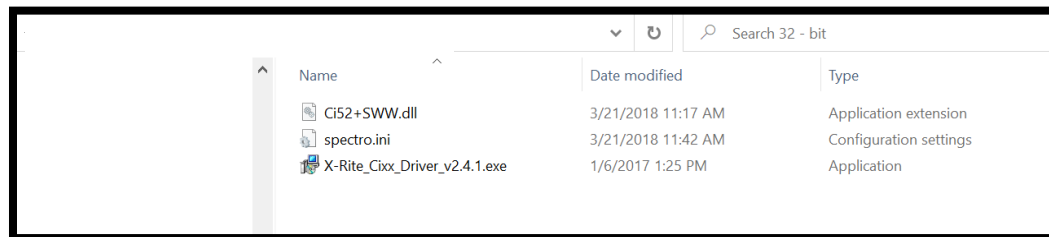


16. The Sherwin-Williams **SWDeviceHandler** service web page. Click the **Cancel** button return to the **SherColor Main** web page.
17. The Sherwin-Williams **SW Device Handler** software installation is completed. Close the browser.
18. Continue the installation process in **Section 3 - Color Eye Hardware and Software Installation**.

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## SECTION 3 – COLOR EYE HARDWARE AND SOFTWARE INSTALLATION

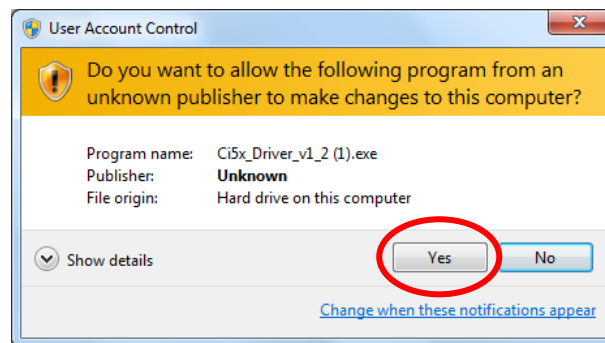
1. The following instructions install the color eye manufacturer's (X-Rite) software required for Color Eye operations in the Sher-Color Web application.
2. *Do not plug in the Color Eye at this time. If plugged in, unplug until noted in Section 4 Color Eye Configuration.*
3. *Section 2 - Sher-Color Web Device Handler (SWDeviceHandler) Installation must be completed successfully before beginning this installation section.*
4. **The vendor's color eye software is provided on a USB drive. Plug the provided USB drive into the computer, wait for USB detection and open it to the main (root) directory.**
5. **Select** the USB drive and choose either the Ci52SWW or Ci62SWW Color Eye folder to be installed.
  - **64-bit Java** – click to access <USB Drive letter>:Ci52SWW (or Ci62SWW) folder. And double click the folder of the Color Eye to be installed
    - Double click on the 64-bit folder to display the files



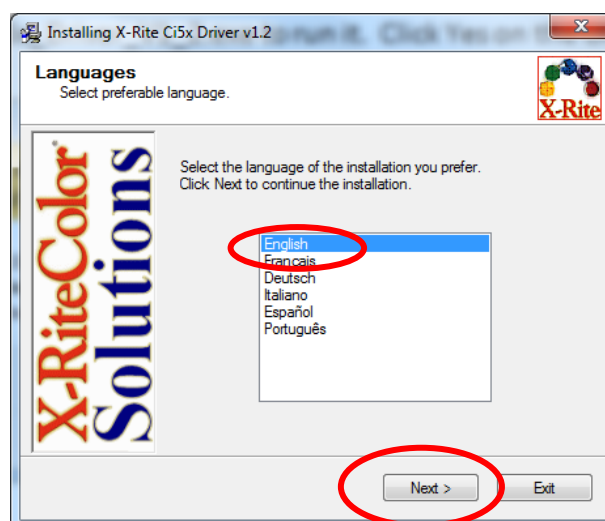
6. The three files listed above will then need to be copied to the spectro folder located at **C:\Program Files (x86)\SWDeviceHandler\spectro**
7. **Highlight all 3 files as listed above in the USB drive.** Then use **Right Mouse** button and click **Copy** to copy all 3 files from the folder



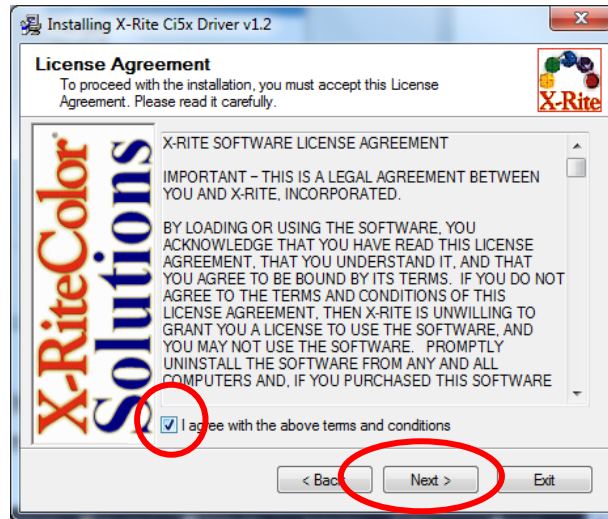
8. **Open** the folder **C:\Program Files (x86)\SWDeviceHandler\spectro** on the computer.
9. **Click on the right mouse button** in the spectro folder, then use the **right mouse button to Paste** the files copied in the previous step 7.
10. Close the USB stick drive Windows Explorer window. Eject and remove the USB drive.
11. **Double click** the **X-Rite\_Ci5x\_Driver\_v2.4.1.exe** file (see above picture in step #8 above) in the **C:\Program Files (x86)\SWDeviceHandler\spectro** directory to run the program.



12. Click **Yes** button on the **User Account Control** dialog box to continue installation.



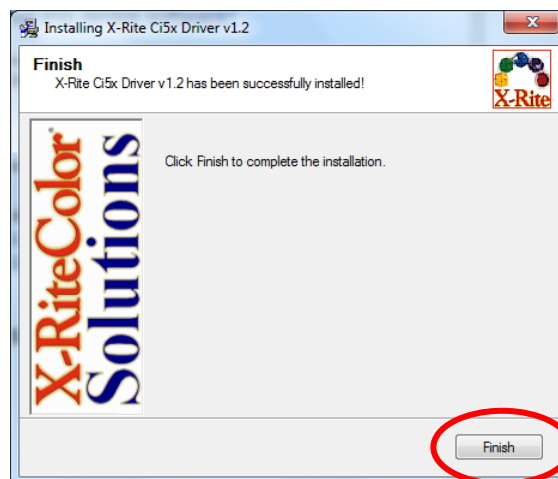
13. Click **English** choice to select language and then click **Next** button.



14. The **User License Agreement** will appear. Review the **X-Rite agreement**, click the **checkbox** “I agree with the above terms and conditions” box, then click **Next** button.



15. The X-Rite color eye driver installs. NOTE: The above **Windows Security** dialog box **may** appear. Click checkbox **Always trust software from “X-Rite Incorporated”**, and then click on **Install** button to continue.



16. Click **Finish** button in the **Finish** dialog box.

17. Close your Windows Explorer folder.

18. Continue the installation process in ***Section 4 - Color Eye Configuration***.

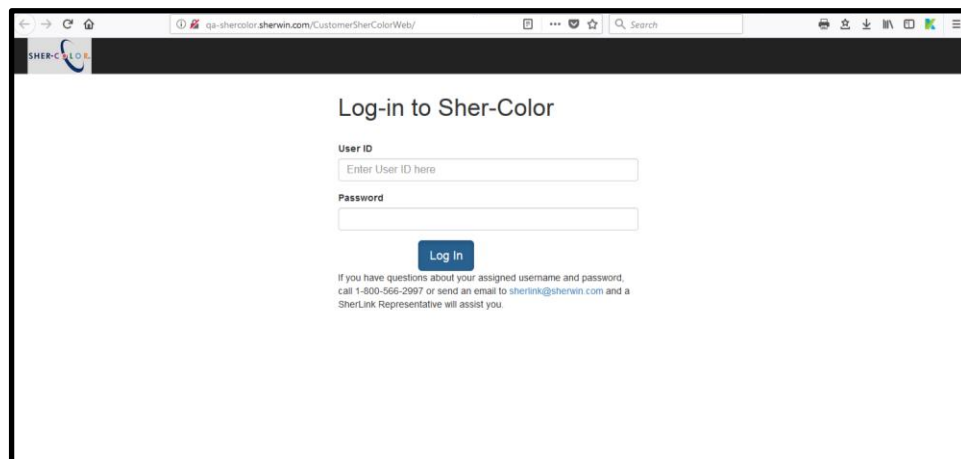
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## SECTION 4 –COLOR EYE CONFIGURATION

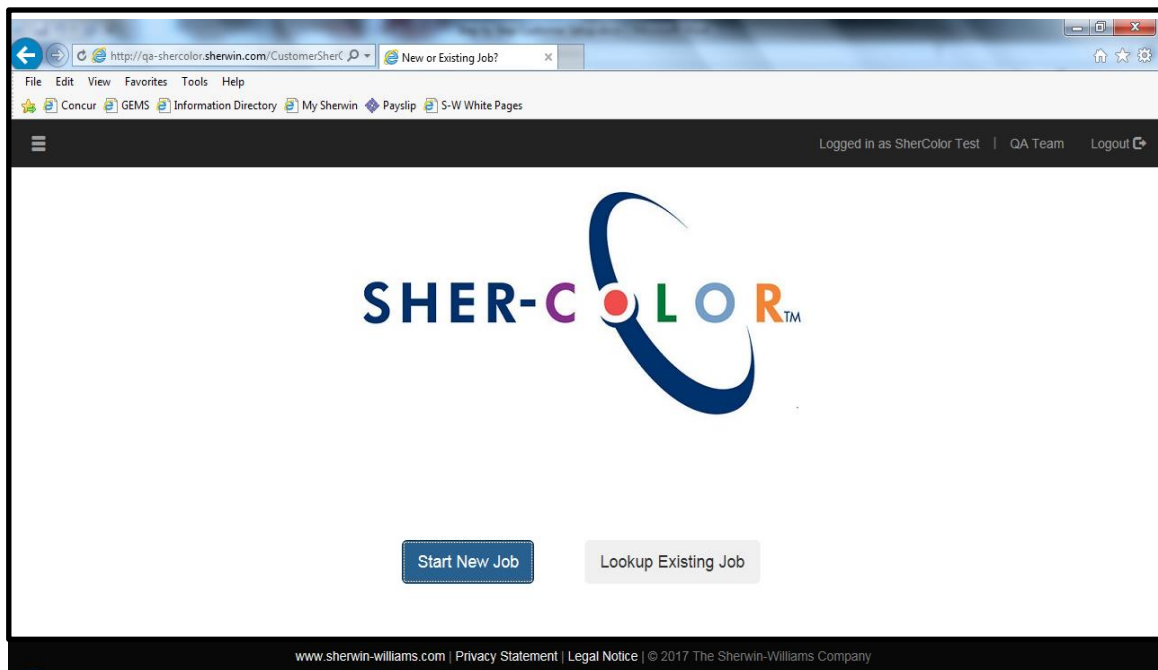
1. The following instructions are how to configure the color eye (or scientific term for instrument is spectrophotometer) for Sher-Color Web color matching operations.
2. ***Section 2 – Sher-Color Web Device Handler Installation, and Section 3 - Color Eye Hardware and Software Installation*** must be completed successfully before beginning this configuration section.



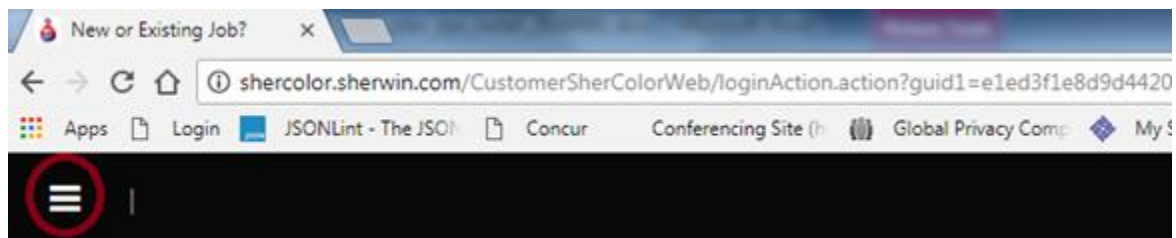
3. Identify the model Color Eye to be installed. **NOTE** – the **Ci62** model has a digital display screen, shown circled above. The **Ci52** model is pictured on the left.
4. Open browser and go to <https://shercolor.sherwin.com>.



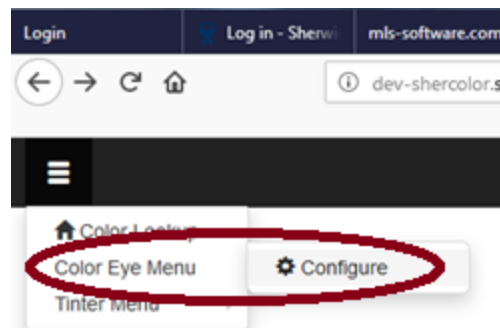
5. The **Sher-Color login** web page displays. Type in your login User ID and password, then click the **Log In** button.



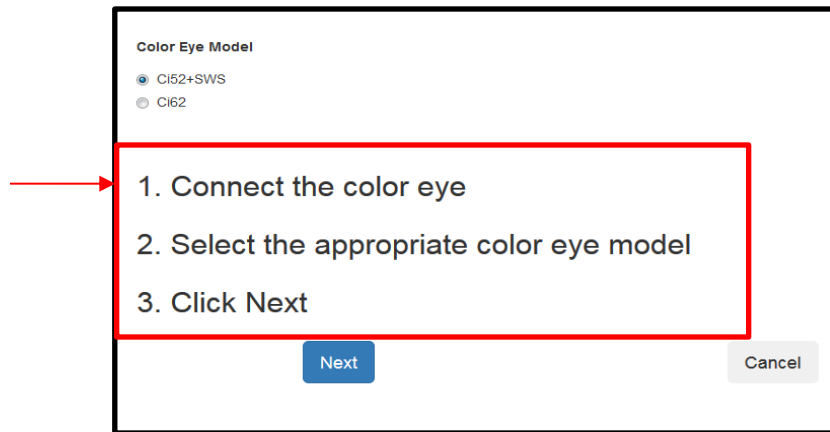
6. The **Sher-Color Main** web page displays.



7. Click on the **Menu** icon in the upper left corner of the web page.



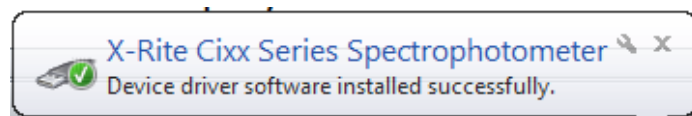
8. Position the mouse over the **Color Eye Menu** choice then click the **Configure** menu choice.



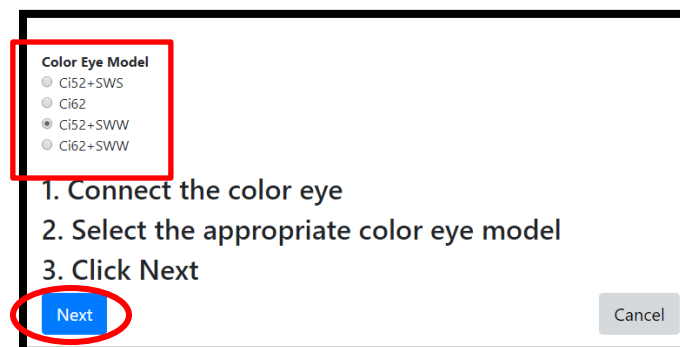
9. The **Color Eye Configuration** page displays.

10. **Connect** your **Color Eye** to the wall power plug and computer.

- Connect the power brick barrel connector into the color eye barrel port at back of the instrument.
- Connect the power cord to the power brick.
- Connect the USB square connector into the color eye USB port at the back of the instrument.
- Connect the Color Eye USB data cable into a computer USB port.
- Plug in electrical cord from the Color Eye into a nearby wall outlet. The unit lights will turn on.

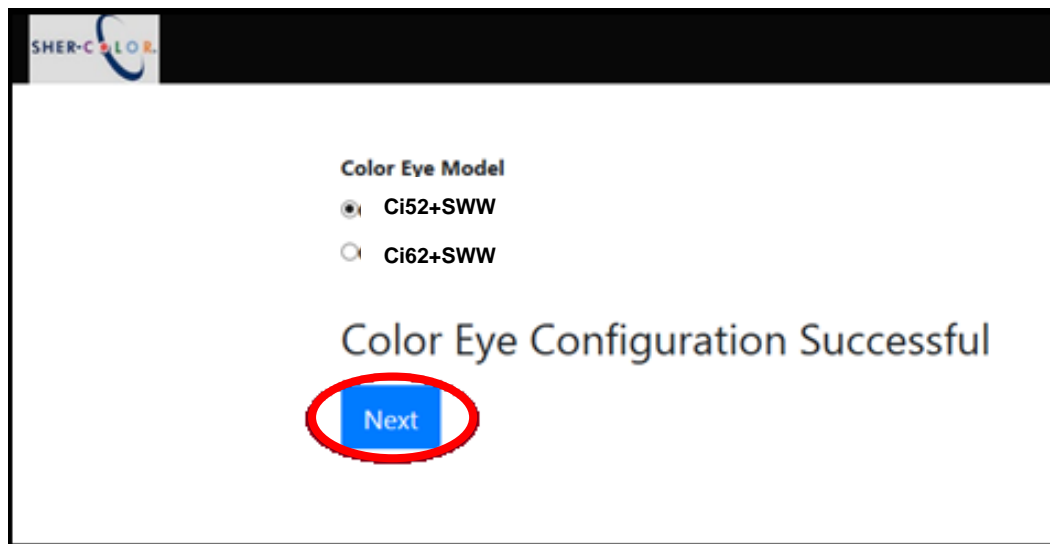


- The Color Eye automatically installs in USB. The above message displays on the task bar to indicate the device is communicating with the computer successfully.



11. Click the **radio** button that corresponds to your **Color Eye model**, then click **Next** button to configure the color eye.



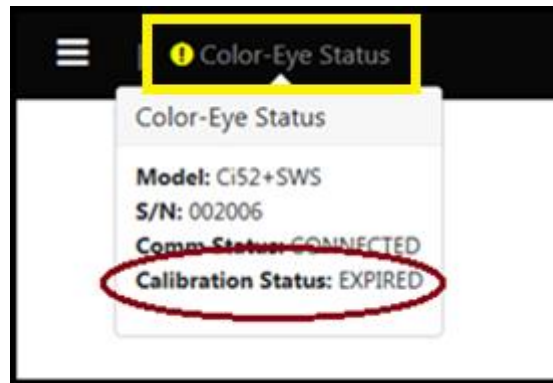


12. The **Color Eye Configuration Successful** web page as configuration is successfully completed.
13. Click the **Next** button to return to the **Sher-Color Main** page.
14. Continue the color eye operations process in *Section 5 – Calibrating Your Color Eye*.

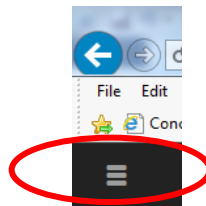
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## SECTION 5 – COLOR EYE CALIBRATION

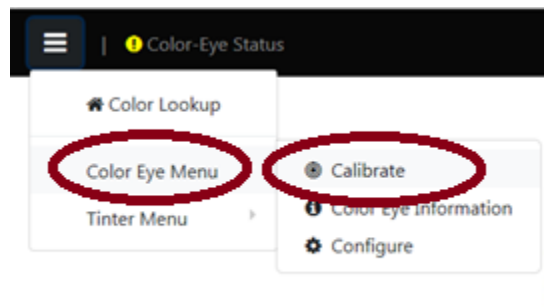
1. The Color Eye requires calibration in order to ensure a good color matching. Calibration is required every 24 hours.
2. The Color Eye kit includes a calibration base. The white tile, black trap and green tile on the base are measured to calibrate the instrument.
3. **Login** and proceed to the **Sher-Color Main** web page as required.



4. **Color-Eye Status** indicator is an exclamation point encased in a yellow circle that indicates attention is required. Click on the **Color-Eye Status** link and the status displays **Calibration Status: EXPIRED**. Calibration is required for color matching operation.



5. To calibrate your Color Eye, click on the **Menu** icon in the upper left corner of the web page.



6. Mouse over the **Color Eye Menu** choice and then click the **Calibrate** menu choice.

7. There are three steps for Color Eye calibration: measuring the **white tile**, **black trap** and **green tile**.

1. Remove the plastic cap from the white tile on the Calibration base.
2. Position the target window on top of the white tile.
3. Press the instrument firmly down until the next prompt appears.

Note: the two status lights on the instrument should change from red to green on successful measurement.



8. Calibrate the **white tile** per the provided instructions.

- Follow steps 1 through 3 above to measure the white tile.
- Green status lights at front of the color eye indicate successful measurement.
- The **black trap calibration** web page displays **automatically** to continue. **Do not click Done button.**

1. Replace the plastic cap on the white tile.
2. Position the target window on top of the black opening.
3. Press the instrument firmly down until the next prompt appears.

Note: the two status lights on the instrument should change from red to green and the calibration light should change to yellow on successful measurement.



9. Calibrate the **black trap** per instructions.

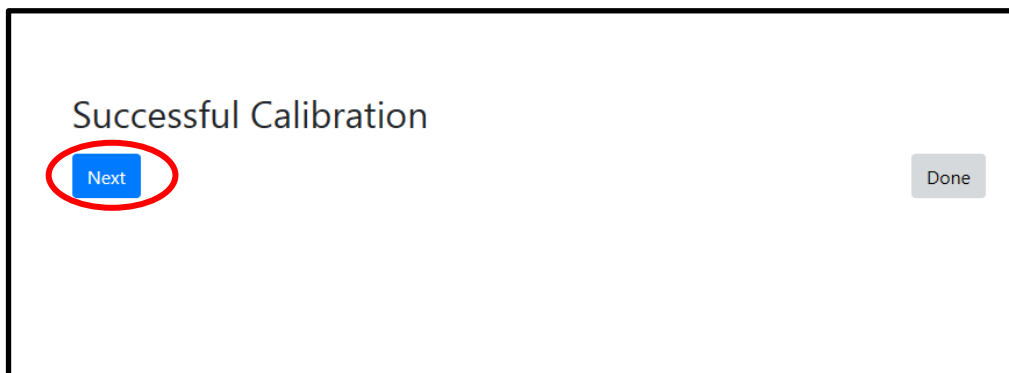
- Follow steps 1 through 3 above to measure the black trap.
- Green status lights at front of the color eye indicate successful measurement.
- The **green tile calibration** web page displays **automatically** to continue. **Do not click Done button.**

1. Flip the base and remove the plastic cap from the green tile.
  2. Position the target window on top of the green tile.
  3. Press the instrument firmly down until the next prompt appears.
- Note: the two status lights on the instrument should change from red to green on successful measurement.

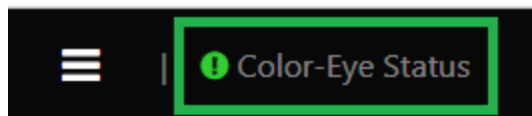


10. Calibrate the **green tile** per instructions.

- Follow steps 1 through 3 above to measure the green tile.
- Green status lights at front of the color eye indicate successful measurement.
- Replace green tile cap.
- The **Successful Calibration** message web page **displays automatically**. **Do not click Done button.**



11. Click on the **Next** button on the **Successful Calibration** web page.



12. The **Sher-Color Main** web page displays. **Color-Eye Status** indicator is an **exclamation point encased in a green circle** that indicates calibration is completed and color eye ready for operations.

13. You are now ready for **Sher-Color color matching**.

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