ColorFlex® L2 Citrus Quick Start Guide

A60-1021-651 ver. 1.0



The world's true measure of color

HunterLab

A SETTING UP THE INSTRUMENT

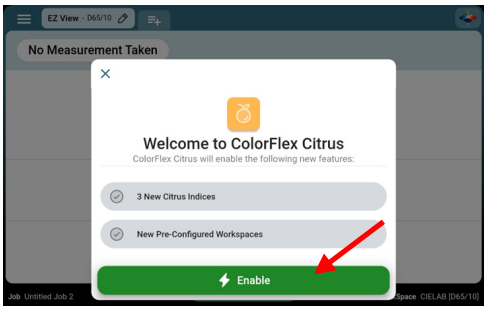
1. Connect the plug on the AC adapter to the port on the back of the ColorFlex L2 Citrus.



2. Plug the power cord on the AC Adapter into a wall outlet.
3. Turn on the ColorFlex L2 Citrus using the switch on the back of the instrument.
4. The Essentials software will launch automatically and prompt First Time Setup dialog to setup Languages, Region, Date and Time. Click **DONE** when finished.
5. After the setup above, a Welcome Wizard will be prompted to introduce its features. Please follow the prompts to familiarize yourself with the software. Once completed, your instrument will be ready for standardization. You can always click the HunterLab icon in the top right corner to run the Wizard again.
6. (Optional) Connect a monitor to the ColorFlex L2 Citrus using an HDMI cable.

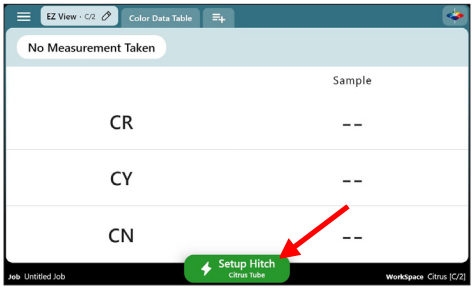
B CITRUS LICENSE ACTIVATION

1. Attach the flash drive with the Citrus license file to the ColorFlex L2 Citrus. Essentials will automatically recognize the license file in the flash drive and prompt a dialog. Click **ENABLE** to load the ColorFlex L2 Citrus Essentials.



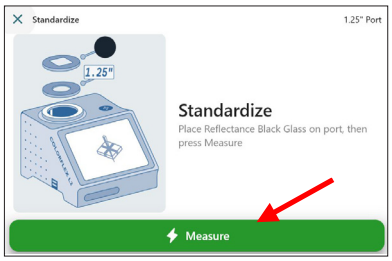
C HITCH CONFIGURATION

1. Tap **SETUP HITCH** green action button on the bottom of the screen. Follow the on-screen prompts to standardize first, then read the Citrus Standard to complete the hitch setup.

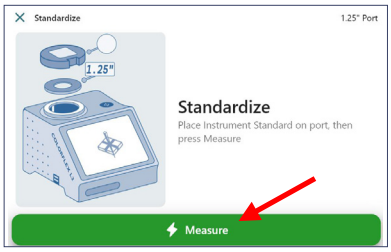


D STANDARDIZATION

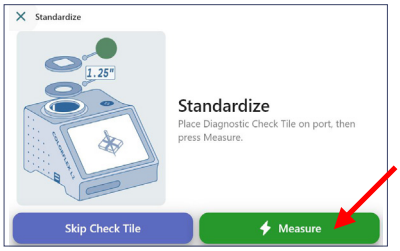
1. Install the 1.25 inch port plate. Place the Reflectance Black Glass at the sensor port. Press the **MEASURE** button.



2. When prompted, remove the Reflectance Black Glass and place the Instrument Standard (White Tile) on the port. Press **MEASURE**.



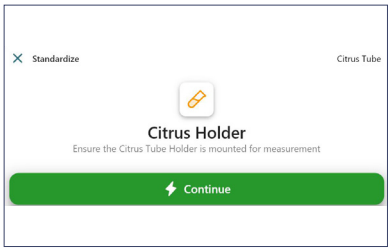
3. Remove the Instrument Standard (White Tile). Then Place the Diagnostic Check Tile (Green Tile) at the port and press **MEASURE** to continue. The Diagnostic Check Tile (Green Tile) values were entered at the factory and are also listed on the back of the tile.



Optional: To skip the Diagnostics Check Tile test, tap **SKIP CHECK TILE**. Skipping may impact instrument performance, and a warning message will be displayed.

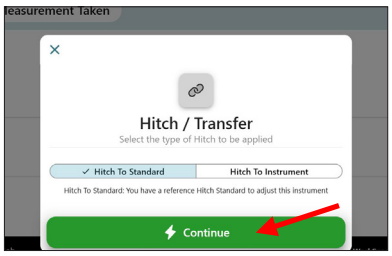
Note: ***If the Diagnostics Check Tile fails, clean the Instrument Standard (White Tile), Diagnostic Check Tile, and/or Black Glass, and run the test again. Contact HunterLab Support if the issue persists.***

4. After a valid standardization, remove 1.25 inch port plate and attach the Citrus Tube Holder for measurements.

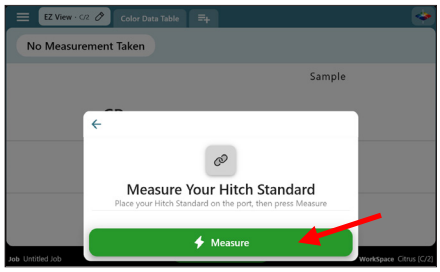


E HITCH TO STANDARD

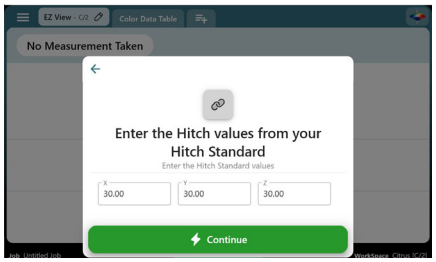
1. Choose **HITCH TO STANDARD** and tap **CONTINUE** button. **Hitch to Standard** refers to using a tile that has already been assigned with a reference value; **Hitch to Instrument** involves using a sample that was previously measured on the other Instrument.



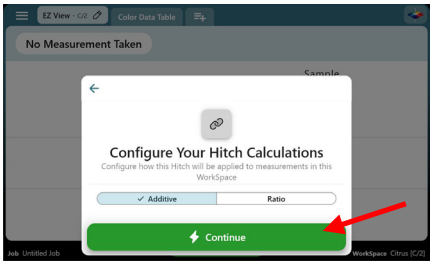
2. Load the Citrus Standard into the Citrus Tube Holder. Press **MEASURE**.



3. Enter the values of the Citrus Standard.



4. Select **ADDITIVE** Hitch Calculations and press **CONTINUE**.

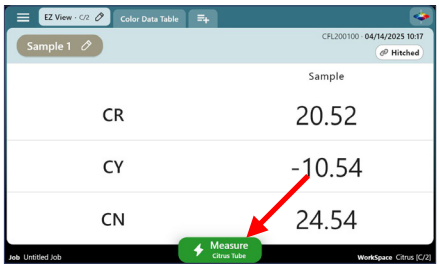


5. To update the hitch, tap Workspace name at the bottom right, select Edit Current Workspace, and then edit the hitch in Standard & Tolerances step.

***Note:** The Hitch Adjustment is shown on the Edit Workspace/ STANDARDS AND TOLERANCE.*

F READING A SAMPLE

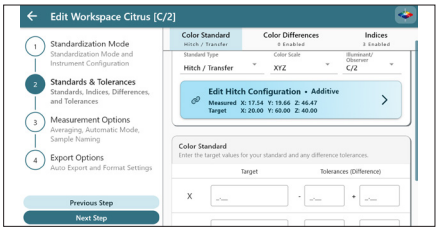
1. Prepare the sample and place it into a test tube.
2. Place the sample into the Citrus Tube Holder.
3. Press **MEASURE**.



G SETTING UP A STANDARD AND CITRUS INDICES

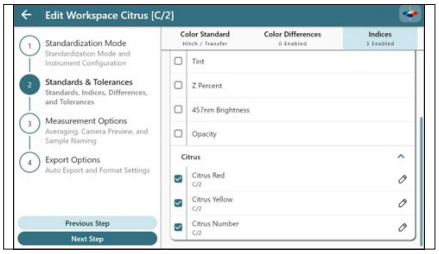
A numeric standard can be applied under Hitch/Transfer standard type.

1. Press **WORKSPACE** at the bottom right side of the screen. Select **EDIT CURRENT WORKSPACE**. Press **NEXT STEP** to go to **STANDARD & TOLERANCES** step and then enter the standard and tolerances in Hunter Lab C/2.



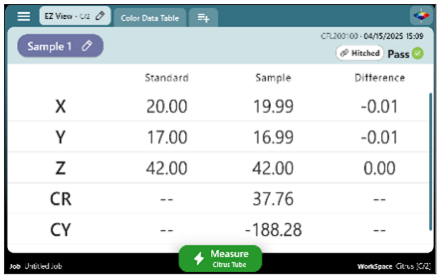
To configure Citrus indices:

2. Tap the **INDICES TAB** and then scroll down to the Citrus Scores(v). Check the desired Citrus Indices.
   Add tolerances using the pencil icon. Choose between Absolute or Difference Tolerances.



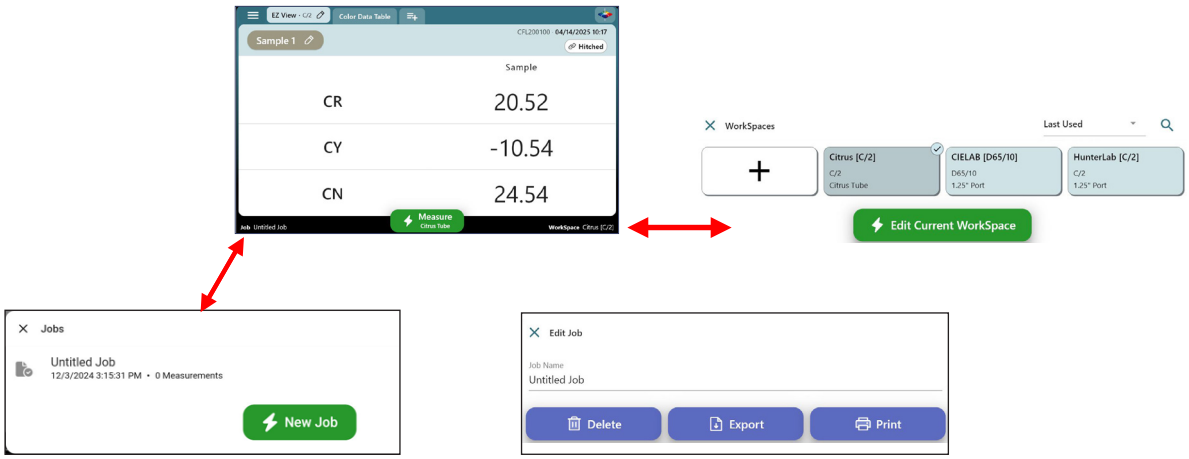
H EDITING EZ VIEW TO SHOW SIMPLE DIFFERENCES

1. From the main screen select the edit icon next to EZ View tab. Then select **DISPLAY OPTIONS**. Click on the radio button next to **SHOW STANDARD** and **SHOW DIFFERENCES** and this will display simple differences.



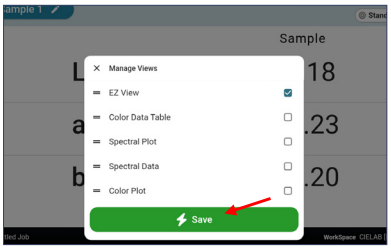
I CHANGING OR ADDING WORKSPACES/JOBS

1. Press the **WORKSPACE** name on the bottom right side of the screen to change or add a new WorkSpace. Follow the WorkSpace dialog to edit differences/indices, read options, data export options and so on.
2. Press the **JOB** name on the bottom left side of the screen to create a new job or tap one existing job to edit job name, delete/print the job and export job (.xls, .csv or .pdf file).



J ADDING VIEWS

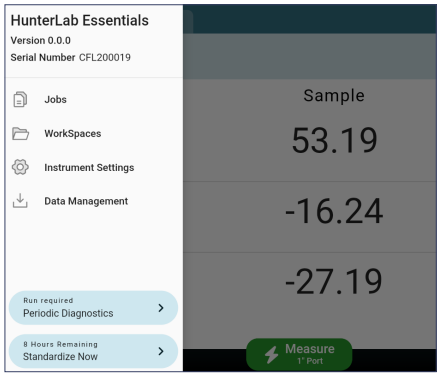
1. Use the view icon next to the EZ View tab to add other views. Select the view by clicking on the box next to the desired view. Press **SAVE**.



K MORE UNDER SYSTEM MENU

Tap the 3-bar icon on the top left corner of the screen to launch System Menu:

1. **Jobs/Workspaces** are alternate ways to open WorkSpace/Job dialogs.
2. **Instrument Settings** allows for selection of Standardization Interval, importing of product setups from the ColorFlex EZ instrument, date/time change, language selection, reverse screen orientation, and security setup.
3. **Data Management** allows users to save job and workspace files in .ezm2 format (not readable in external applications) to a flash drive.
4. **Periodic Diagnostics** displays the status of diagnostics and enable users to run diagnostics.
5. **Standardization** shows the current status and allows users to perform standardization.



For more detailed instructions on using the instrument, please refer to the ColorFlex® L2 Citrus User's Manual.

Visit support.hunterlab.com for more information on maintenance, operation and repair of your instrumentation.

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