

Operating Instructions

UCS-1 Ultimate Calibration Suite

Color Matching with Chromasurf, Klein Colorimeter and JETI specbos 2501-HiRes



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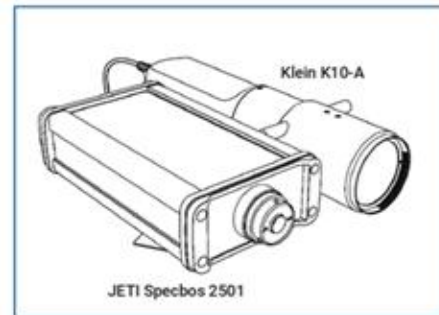
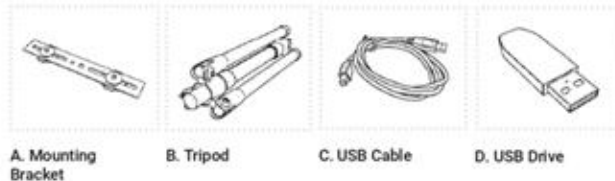
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1. Device Setup

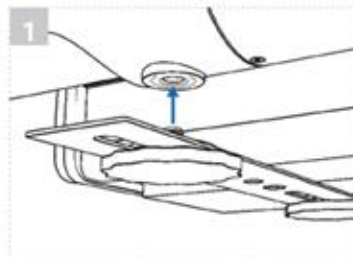


1 | UNBOX AND CHECK CONTENTS

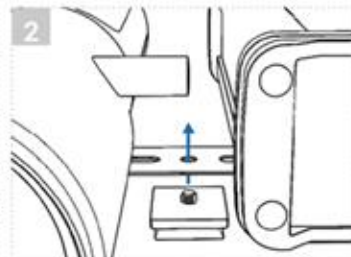
Included Accessories



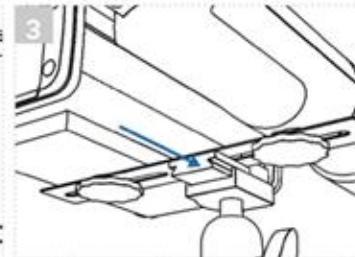
2 | CONNECT



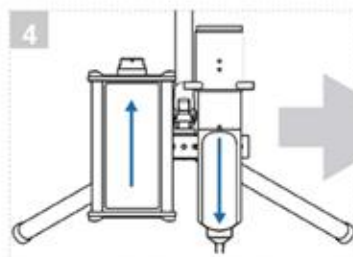
Attach Klein and Jeti units to the mounting bracket (A).



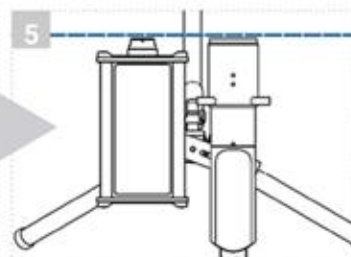
Remove baseplate from tripod (B) and attach to center of mounting bracket (C).



Secure baseplate onto the tripod's quick release mount.



Offset the position of the units so that their front ends are parallel.



Once the front ends are at roughly the same point, tighten the knobs.



Your devices are now ready to take measurements.

Note: It may be necessary to loosen the knobs on the mounting bracket.

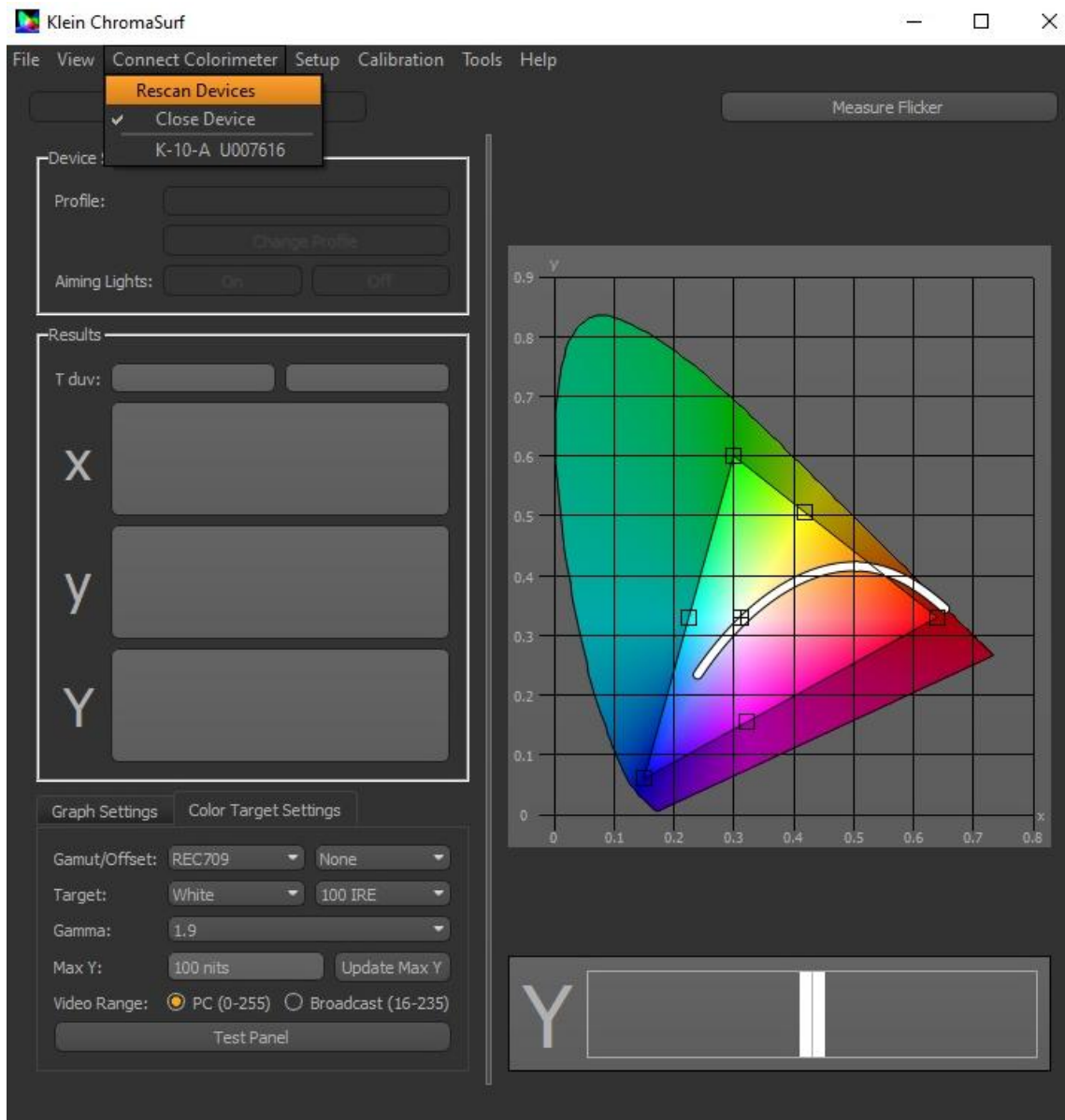


1. Use the laser pointer of Klein Colorimeter and JETI specbos to ensure that both devices measure the display and preferably even the same spot.
2. The angle of the Klein Colorimeter is much larger than that of the specbos 2501

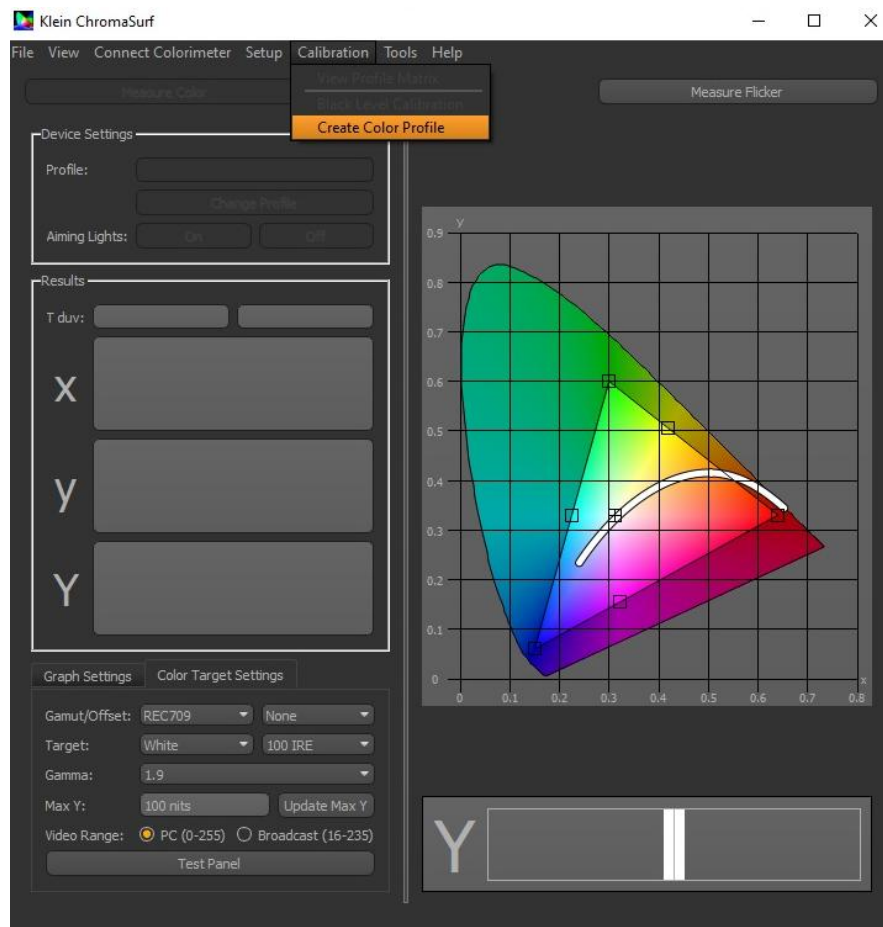
2. Chromasurf Workflow

Profiling Steps

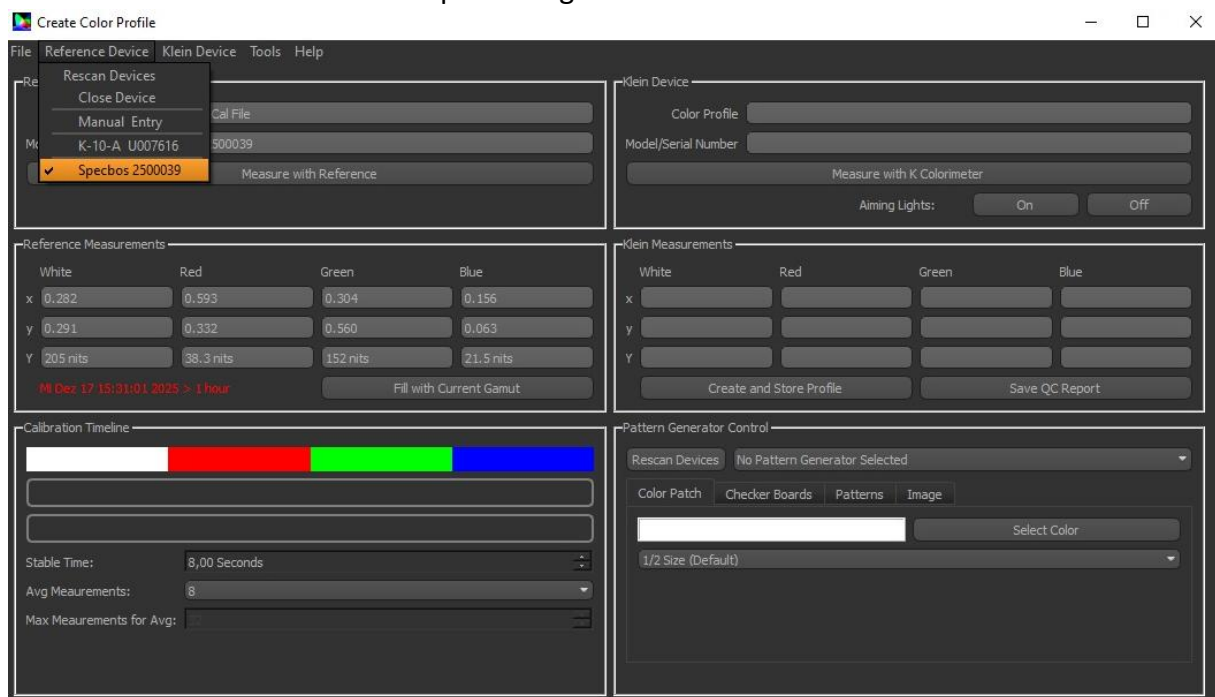
1. In the Chromasurf Main Window, connect the Klein Colorimeter:



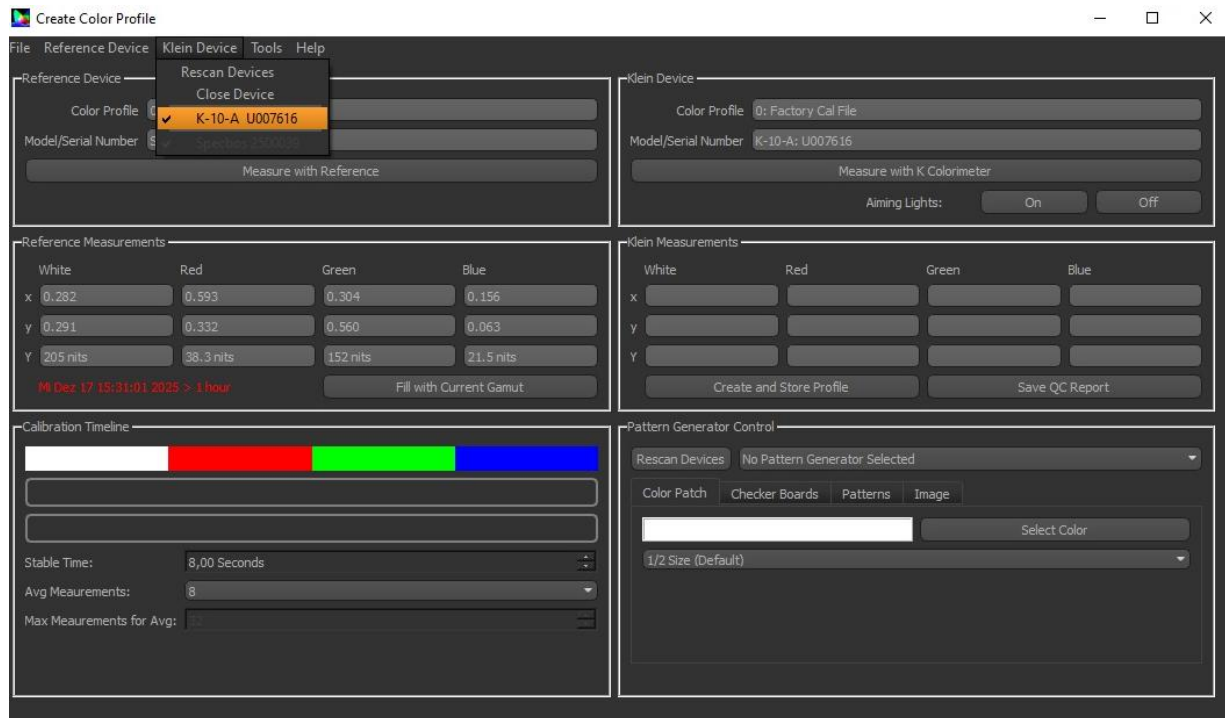
2. Select Calibration -> Create Color Profile:



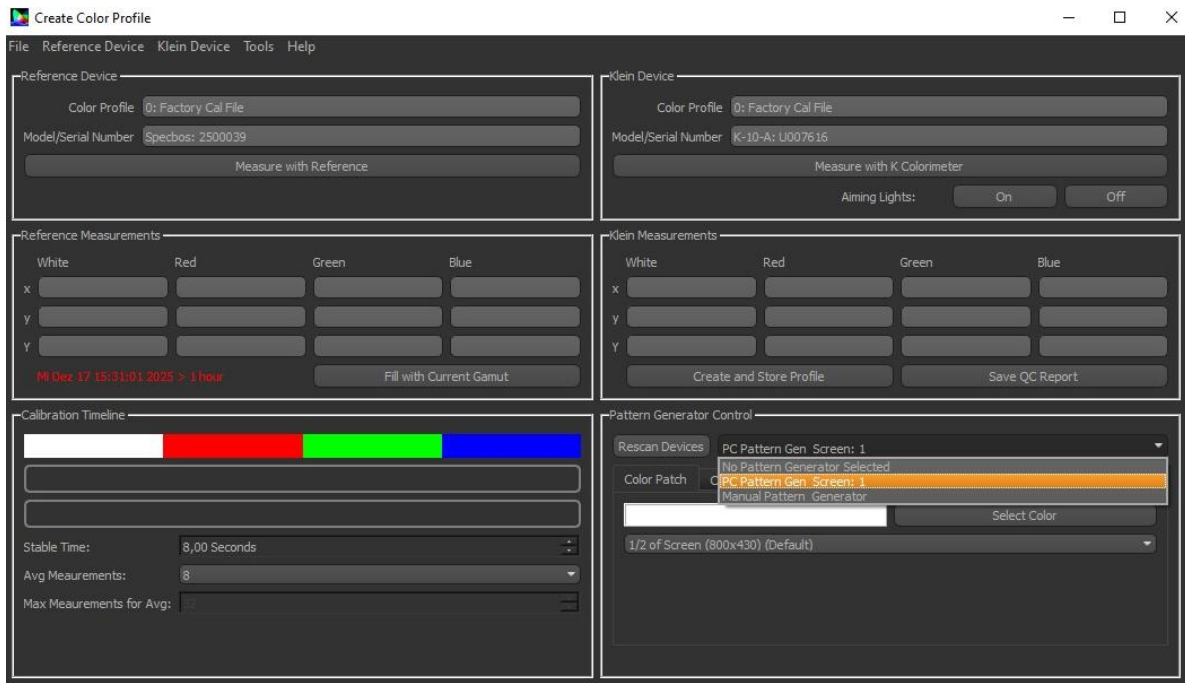
3. Scan and select specbos as reference device in the color profile panel. It might be necessary to enable JETI detection under Setup->Settings->Enable Devices to Connect.



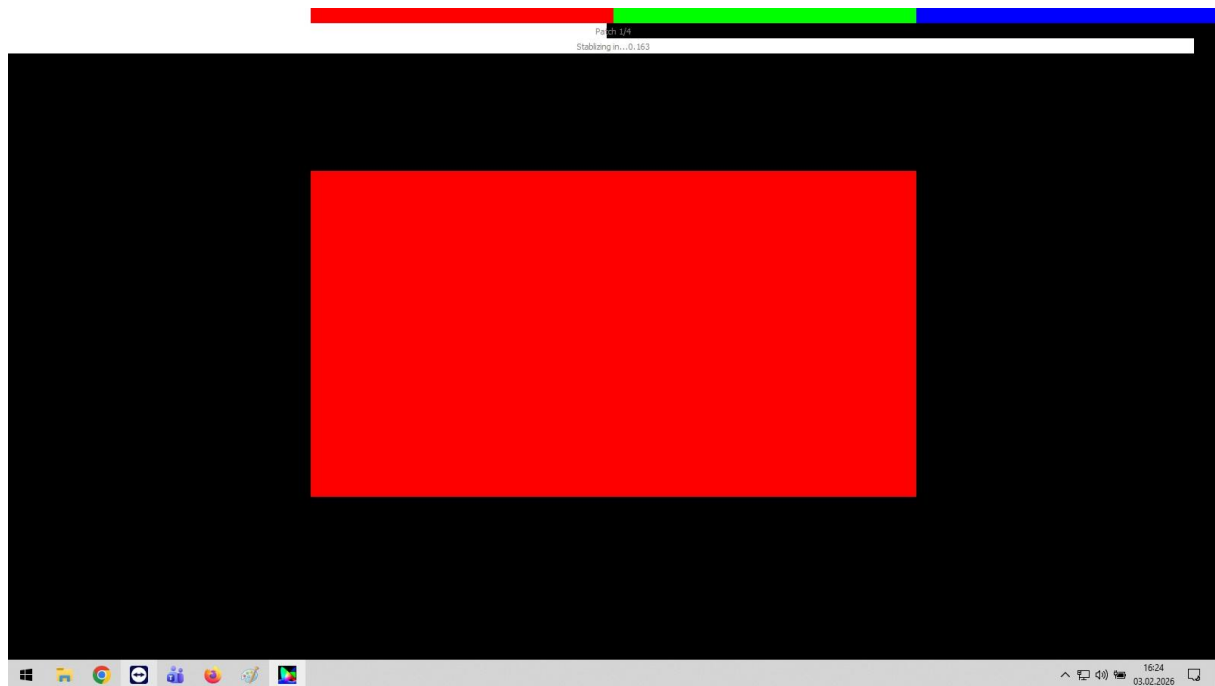
- Select the Klein Colormeter as the “Klein Device” in the color profile panel:



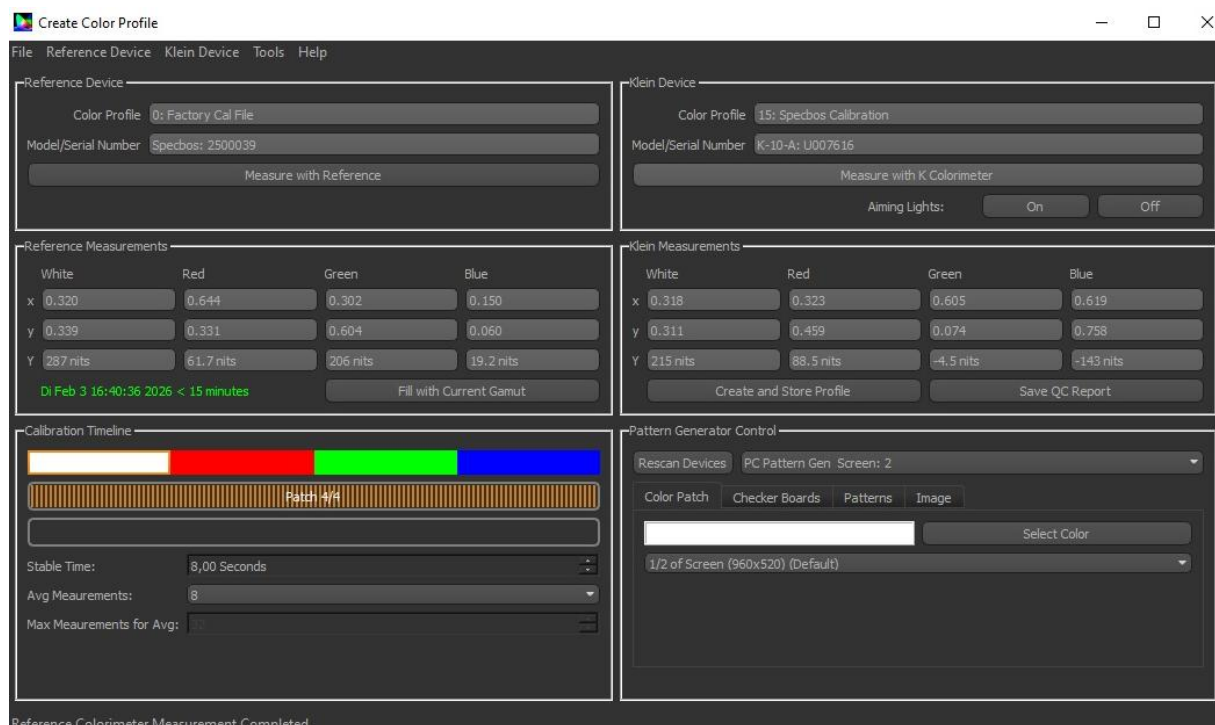
- Select “pattern generator”, usually just the output display (“Screen 1”, “Screen 2”):

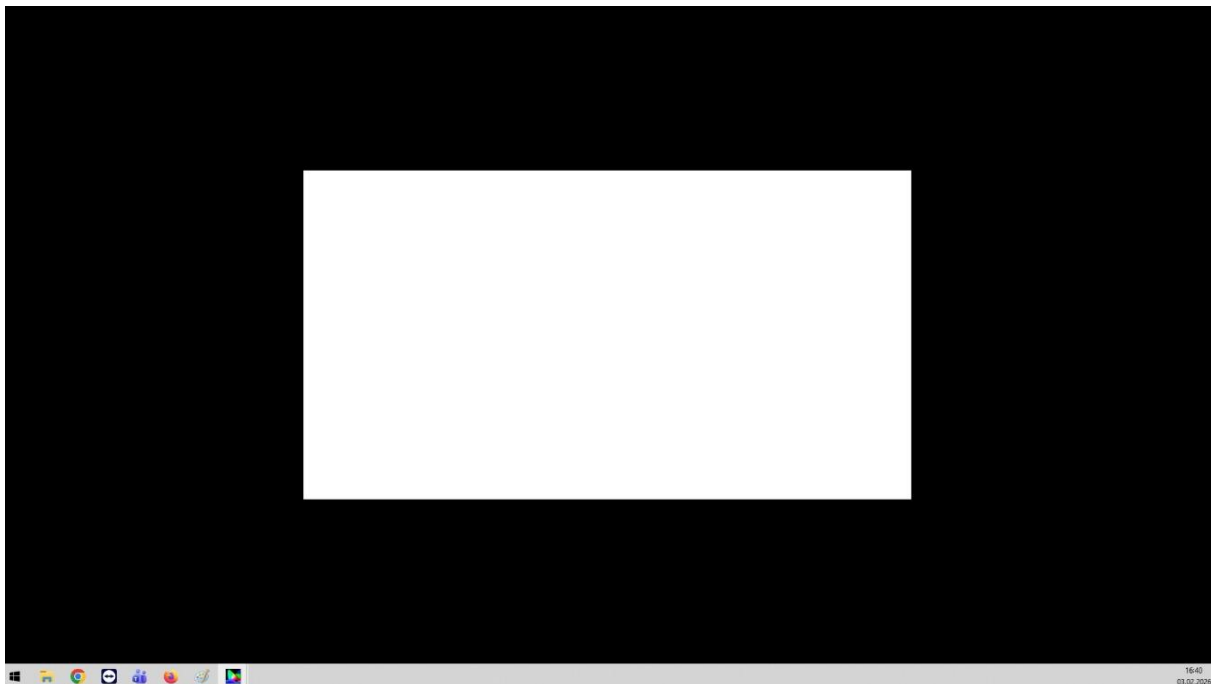


6. Switch off lights in the room and/or ensure the environment lighting is what you want to measure
7. Click on “Measure with Reference”. The Chromasurf software should start displaying and measuring test colors:

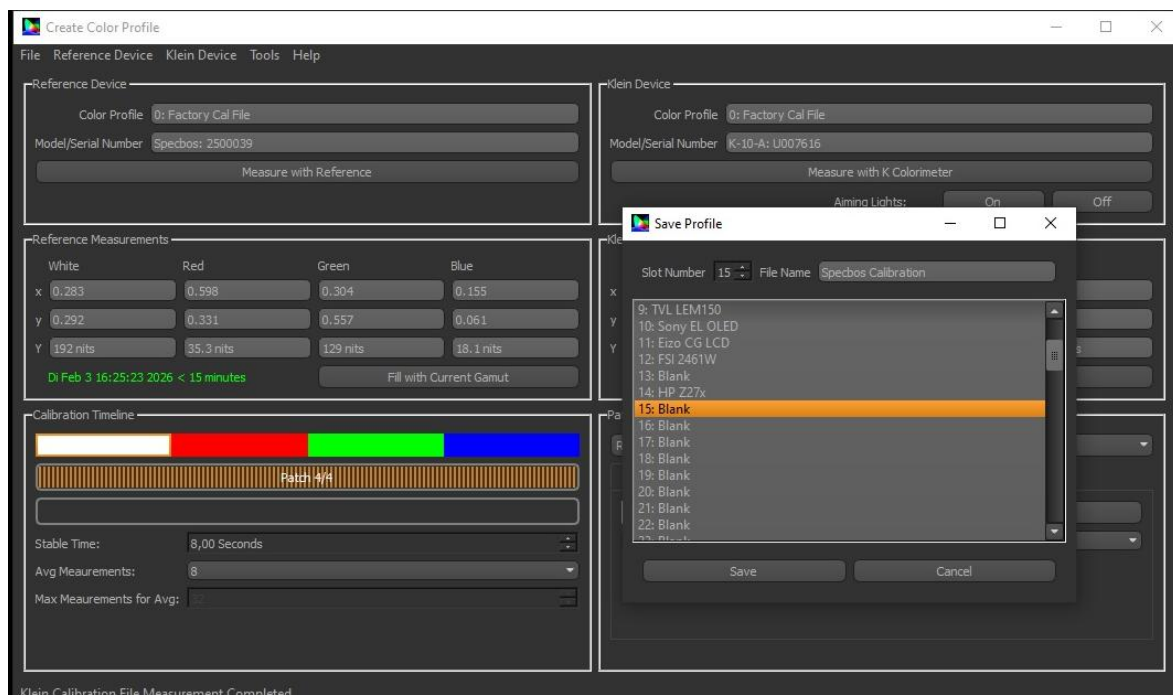


8. Click on “Measure with K Colorimeter”. Afterwards on “Create and Store Profile”:

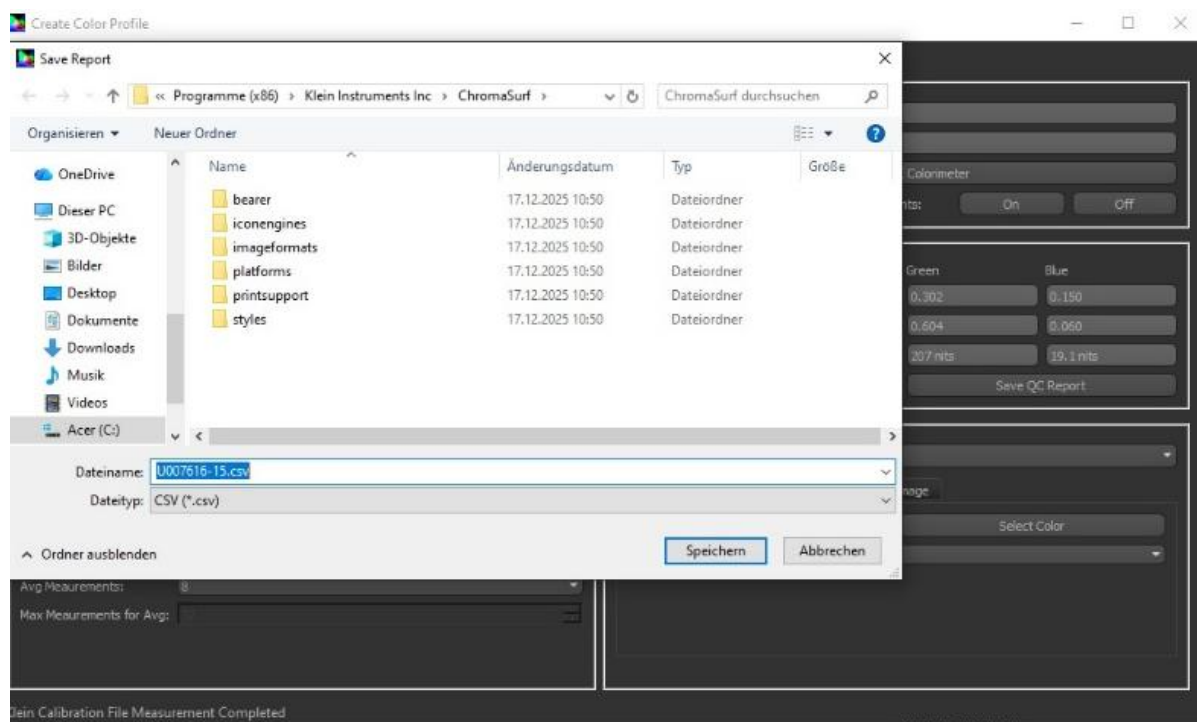




9. Choose a blank position to save the profile and click on “Save”:



10. You will be asked for a password. This is listed in the txt file on the USB stick with Chromasurf.
11. Afterwards, a verification measurement of the Klein Colorimeter will start. This is similar to the measurement you already did. After the verification was successful, you can save the profile as *.csv:



3. Troubleshooting

In case of software problems, please contact the Chromasurf manufacturer (Klein Instruments). In case of hardware problems, please contact JETI for specbos 2501 or Klein Instruments for the Klein Colorimeter.