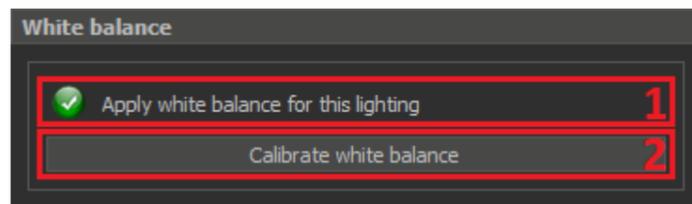


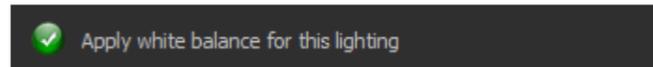
Calibration of white balance

The 'White Balance' panel ('Hardware' tab, right panel) allows to adjust the white balance on the lighting configuration:

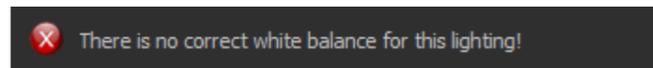


1. The current status of applying white balance for actual lighting
2. The button to calibrate white balance for the current lighting

If white balance is already configured for the current lighting, the status is as follows:



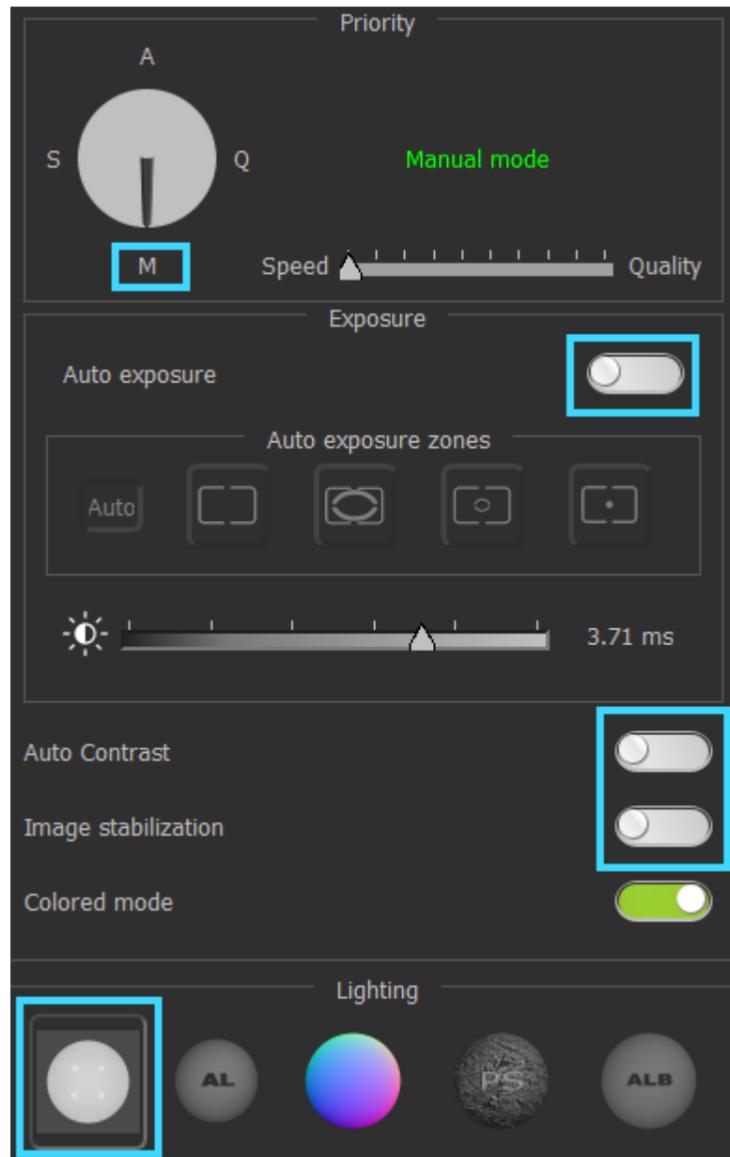
Otherwise, the user will see the following status:



Calibrating white balance for each led group

Preparations

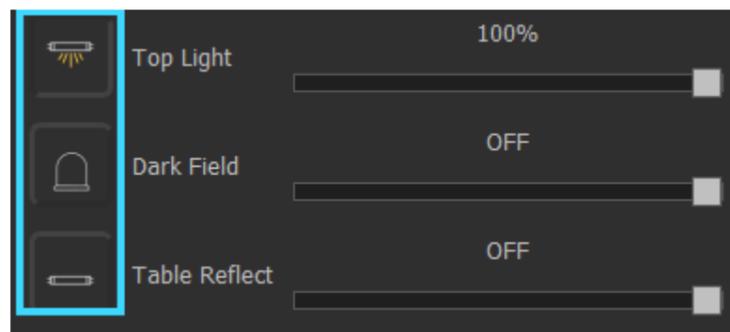
1. Place a sheet of white paper under the lens so that the entire image area is filled with this sheet. Focus on the surface of the sheet.
2. Select 'Manual' mode. Disable autocontrast, autoexposure, image stabilization. Select 'Continuous' mode:



3.

Then, do next steps **for each led group**:

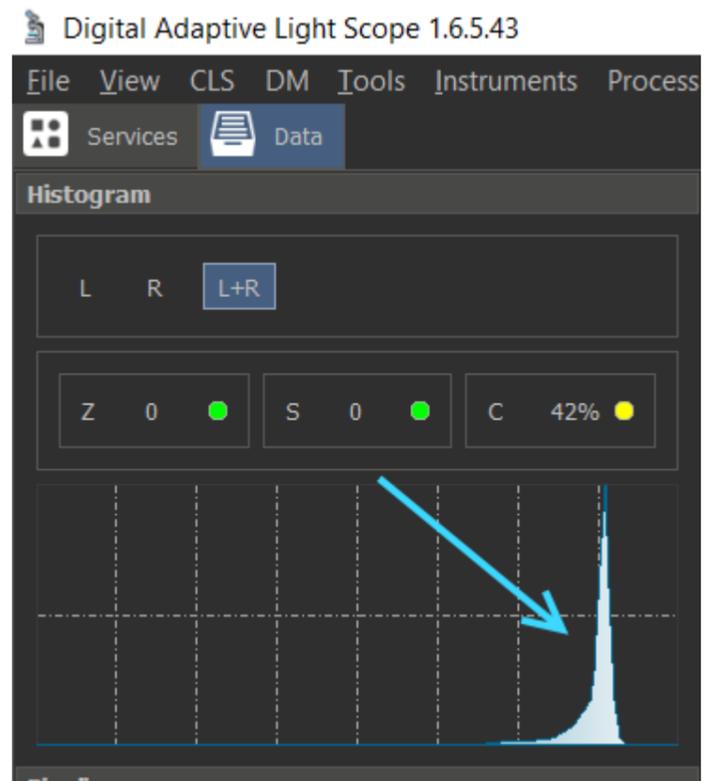
1. Switch On only the one led group and switch Off other led groups. For example, switch on the 'Top Light' and switch off 'Dark field and 'Table reflect'.



- 1.
2. Use the 'brightness' slider to make image brightness higher, but without overexposed zones:



- a.
 - i. Check the brightness using the 'Histogram' ('Data' tab on the left side of the DALS program). It should be higher



ii.

3. Press the 'Calibrate white balance' button and wait until the calibration process is finished (the button will become enable again). Check the paper color, it should be grey.