

CopiBook Calibration

2011-09-14 WED

This document assumes familiarity with CopiBook use.


Materials

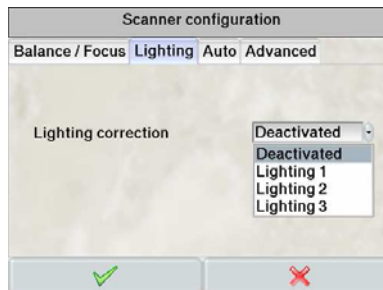
- cleaning solution
- dust brush
- large white sheet, as big as the book cradle
- smaller black sheet
- the Kodak grey scale target
- sample page with lots of text and some images (this document will do fine)
- level with a 45-degree bubble

Prep

- Turn on the lights to let them warm up
- In the meantime, restart the machine,
- Use the level to adjust the angle of the lights to 45 degrees, and position them at equal distances from the machine, and
- Clean the top and bottom surfaces of the glass and dust off the book cradle below.

Focus Adjustment

- Once the machine has started up, click on  to access to the "scanner configuration" menu.



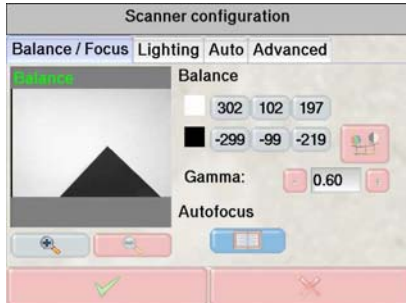
- In the "Lighting" tab, select "Deactivated":
- Move over to the "Balance/Focus" tab.
- Place the sample page on the book cradle, and check that it is raised to the glass plate level.




- Click on the "Autofocus" button, wait for that to finish, then click the green check mark.

Black and White Balance

- Place the white sheet on the book cradle and then the black sheet partially over it, like so:



- Click the CopiBook configuration button, then click the White Balance button  and wait until the end of the calibration process. **Then do this one step a second time.** Then click the green check mark then the red x.


Lighting Correction

- Go back to the project selection window.



- Click on the Administration button.
- Select the Lighting tab.
- Place just the large white sheet on the book cradle (not the black sheet too), and raise it to the glass level.
- Type in the word "lighting" as the label for the lighting correction.

Calibration

- Click on the  button and take care to cast no shadow on the white sheet during calibration. Wait for that to finish.
- The lighting correction must now be applied in the current project. Click the green check mark a couple of times until you can select a project, and then click on this icon:



- In the Lighting tab, select your lighting correction label: "lighting".

Black and White Balance (Redux)

- Once the light correction is applied, go back and do the Black and White balance again, just once.

Testing

- Shoot the Kodak gray scale target on top of the large white sheet.
- Inform the imaging supervisor to move the tiff file for that target to the calibration verification folder and to inspect that image with the Photoshop 'info' tool (F8).