Medit i500 Calibration

How do I calibrate my i500?

The calibration process is essential in order to produce precise 3D models. It is highly recommended that you perform the calibration process periodically.

Calibration is required when:

- The quality of the 3D model is not reliable or accurate as compared to previous results.
- Environmental conditions such as temperature have changed.
- Calibration period has expired.
  : You can set the calibration period in **Menu** > **Settings** > **Calibration Period(Days)**.
  The default calibration period is set to 14 days.

Precautions when performing calibration

- The calibration panel is a delicate component and you should not touch it directly. Should there be issues with the calibration process, check the panel first. If the calibration panel has been contaminated, please contact your service provider.

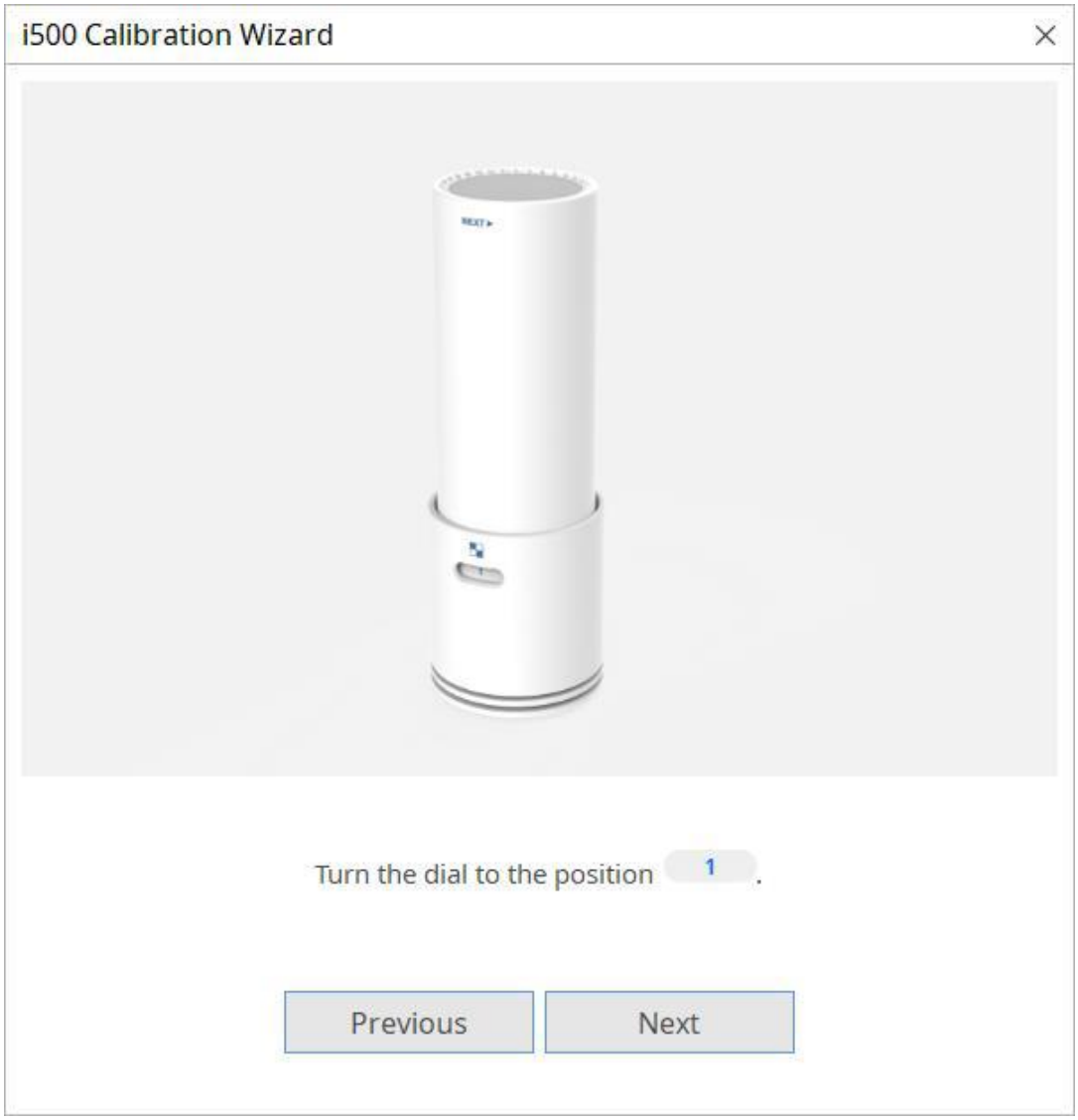
How to calibrate the i500

- Switch on the i500 and connect the device to the software.
- Run Calibration Wizard from **Menu** > **Settings** > **Calibration**.
- Prepare the calibration tool and the i500.

⚠ If the scanner tip is attached, please remove it from the handpiece.

i500 Calibration Wizard
Welcome to the Calibration Wizard for i500 scanner.
Please follow the on-screen instructions to calibrate your scanner.
Next

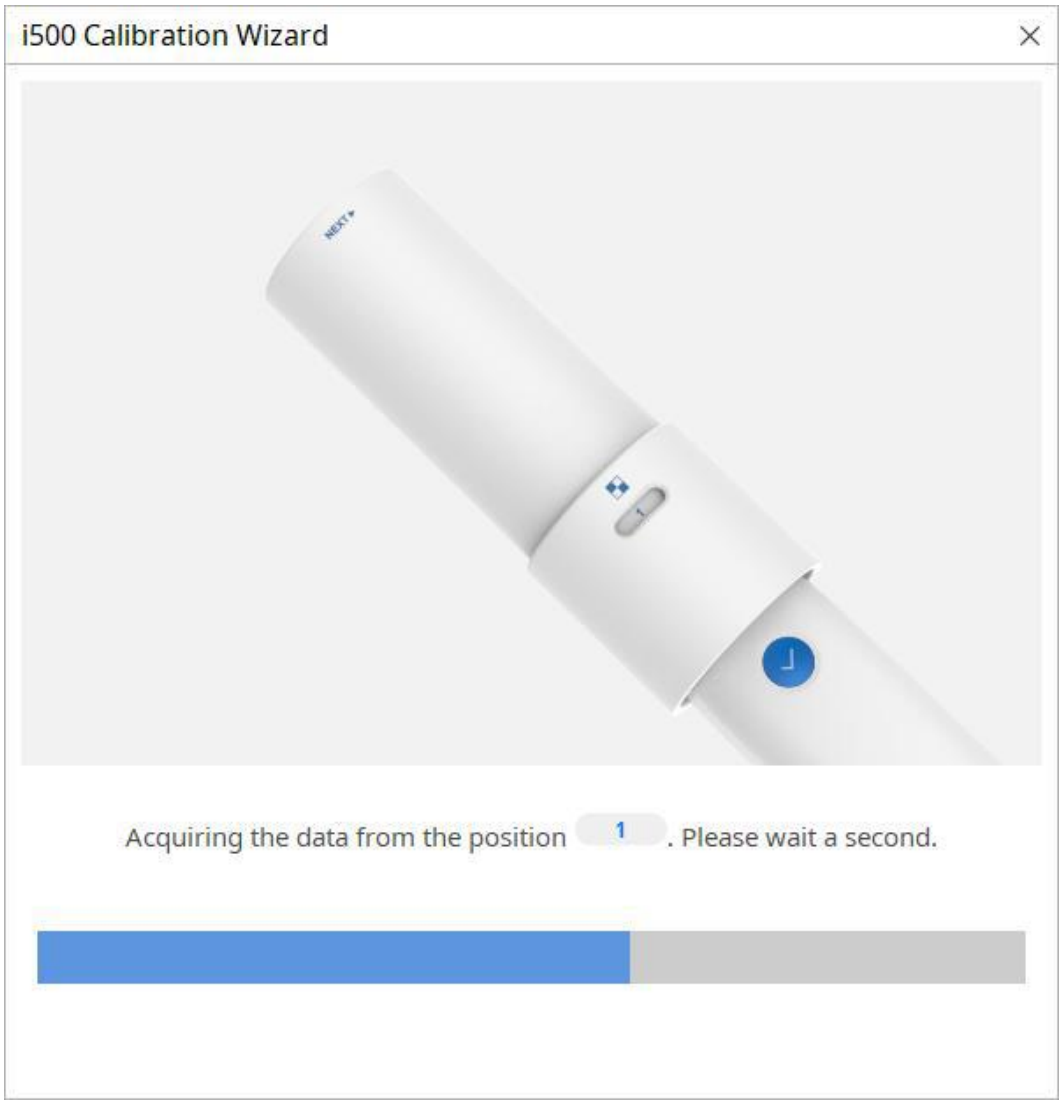
- Turn the dial of the calibration tool to position (1).



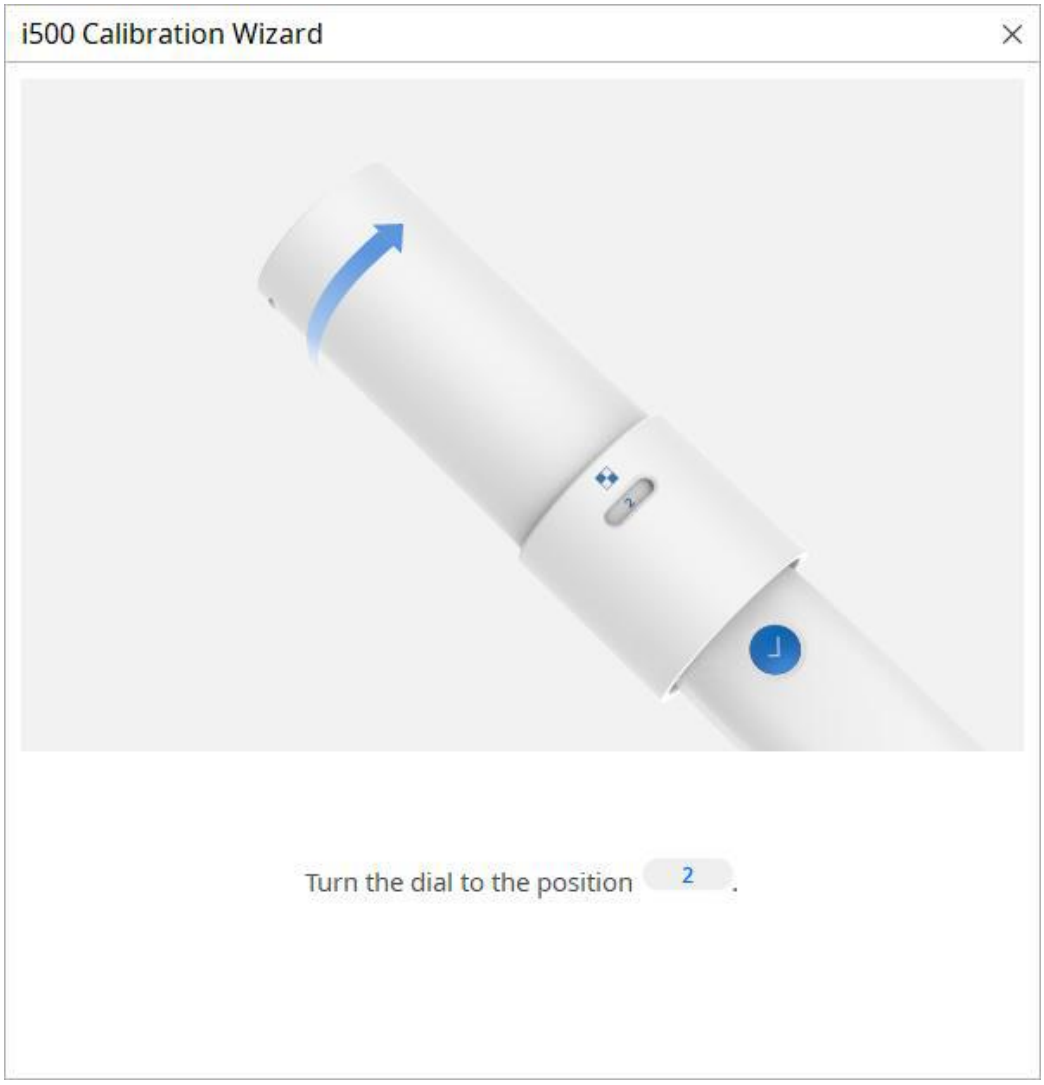
- Remove the cover from the calibration tool and put the i500 handpiece into the calibration tool.

- Click **Next** to start the calibration process.

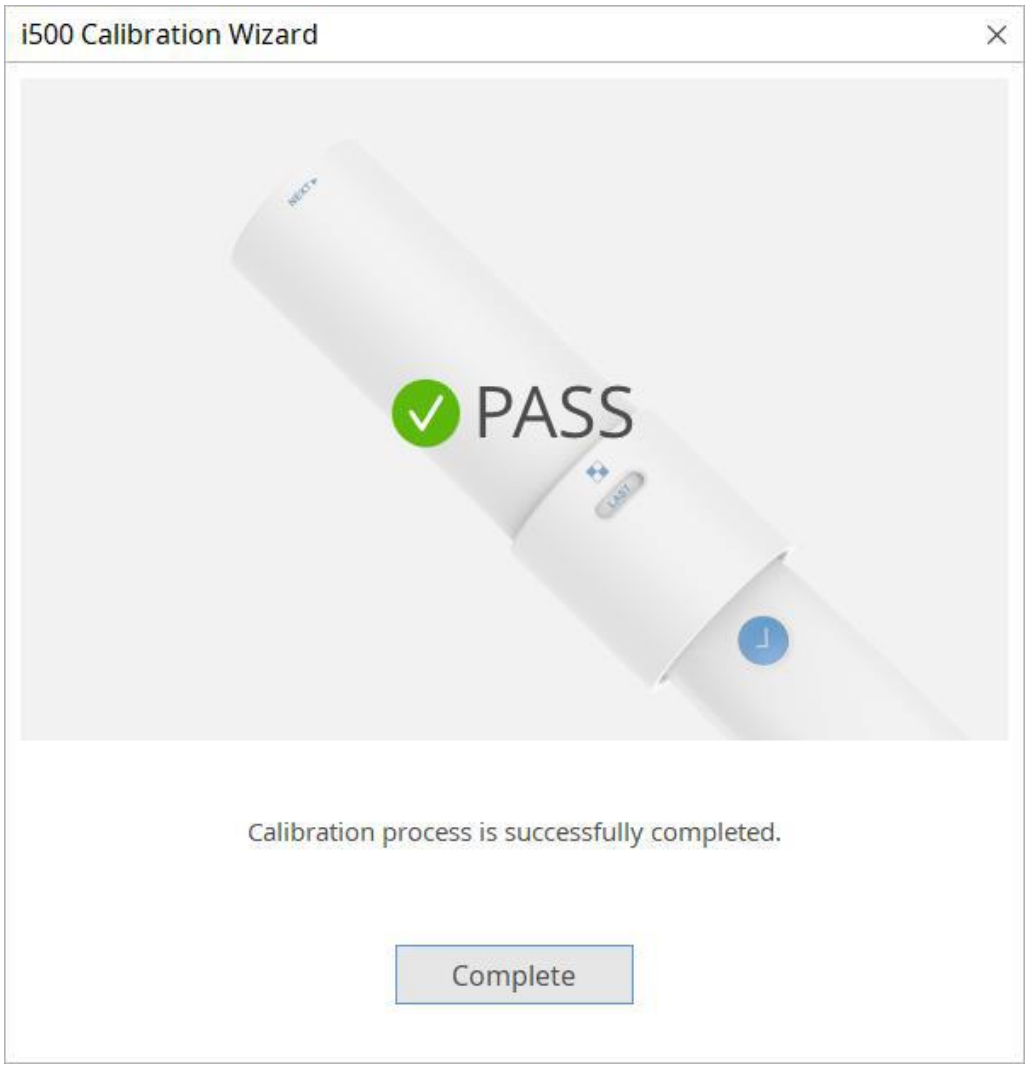
- When the handpiece is mounted in the correct position, the system will automatically acquire the data at position (1).



- Repeat the same for position (2) to position (8) and the (LAST) position.



- When the data acquisition is complete at the (LAST) position, the system will automatically calculate and show the results of the calibration.



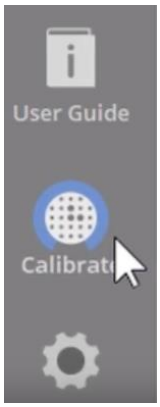
How do I calibrate my T500(desktop scanners)?

The calibration process is essential in producing precise 3D models. It is recommended to perform the calibration process periodically.

Calibration is required when:

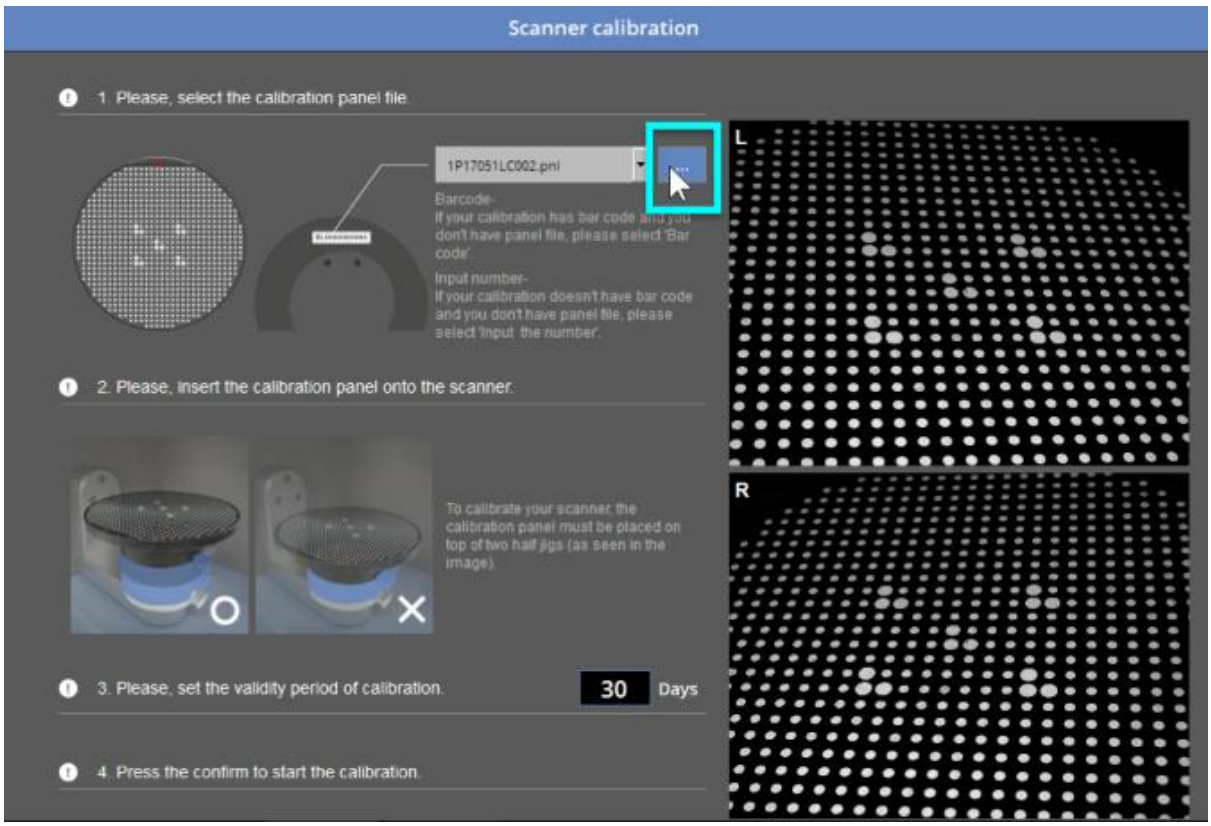
- The quality of the 3D model is not reliable or accurate as compared to previous results.
- Calibration period has expired.

1. Start **colLab Scan** and click the **Calibration** button at the bottom left of the screen.

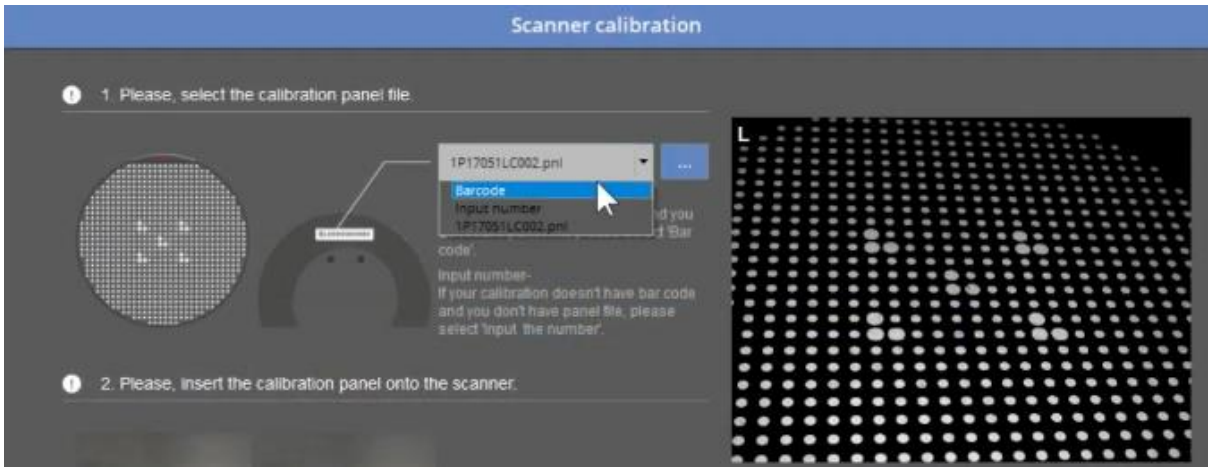


2. Check the serial number of the calibration panel and select the corresponding PNL file in the calibration window.

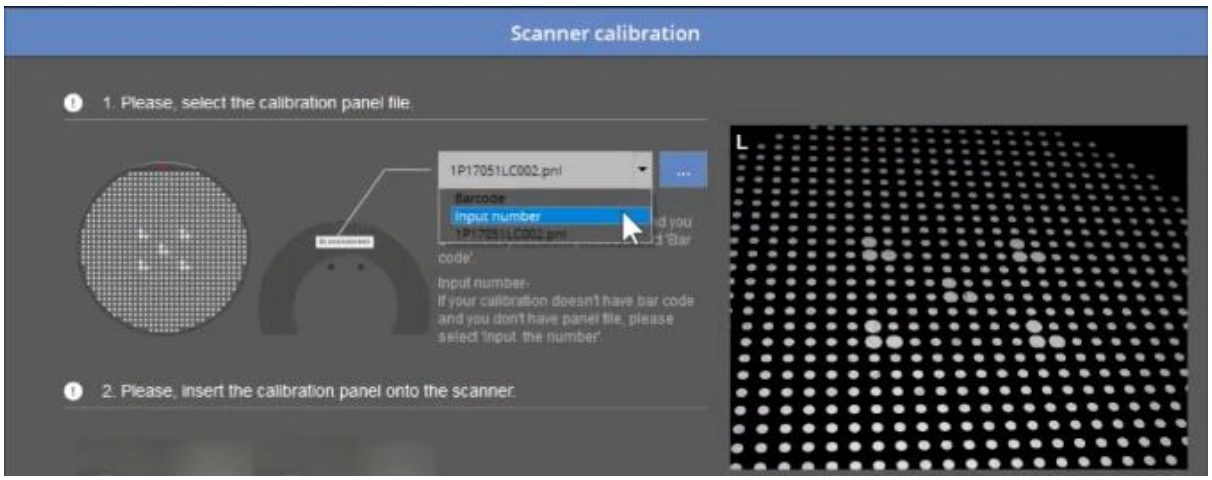
- If you cannot find the corresponding PNL file in the list, click the [...] button to register the PNL file which has been saved in your computer. Click the **Confirm** button, and the scanner will automatically begin the calibration process.



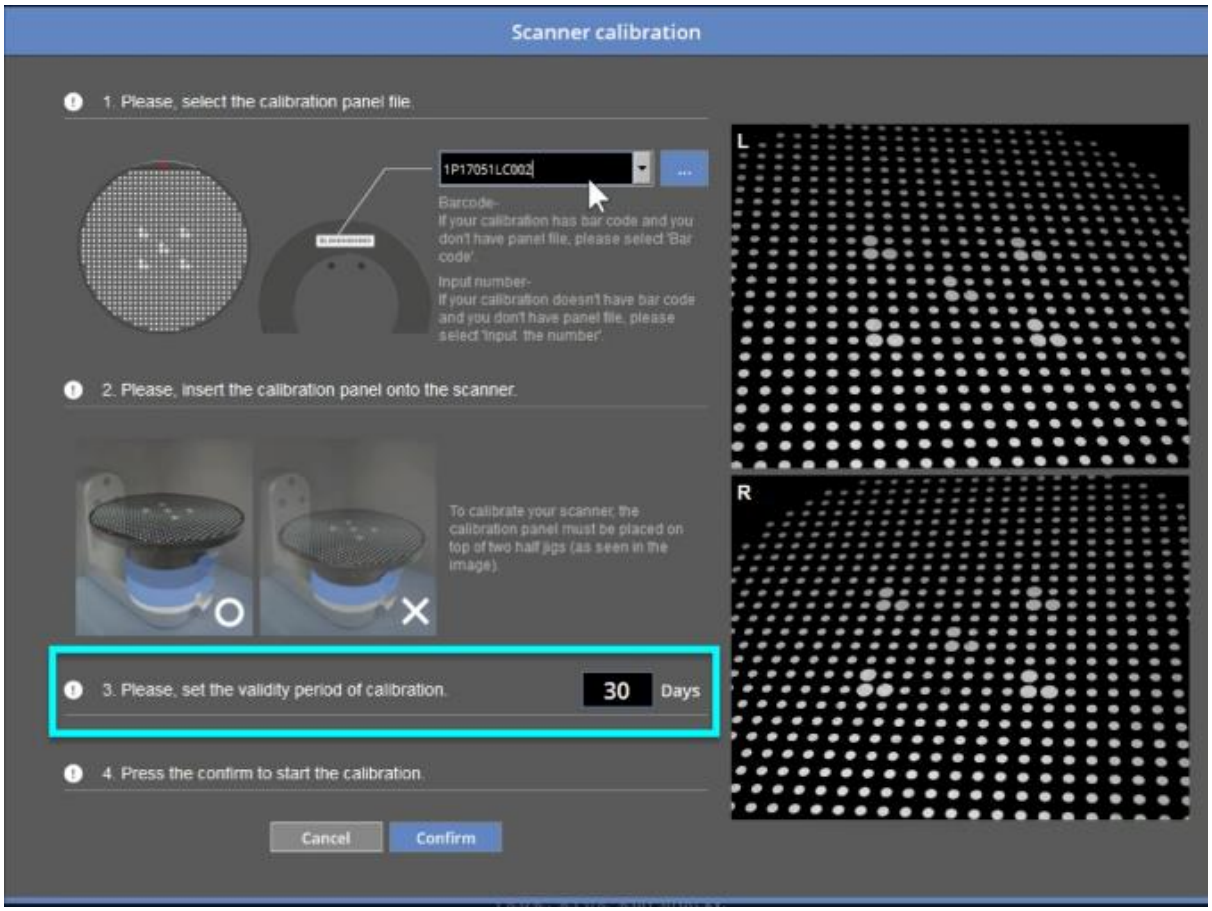
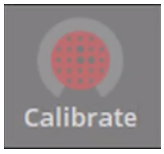
- If you don't have the PNL file for your T-series scanner, select **Barcode** and click the **Confirm**button. The scanner will automatically scan the barcode and start downloading the PNL file online. Once the download is complete, the scanner will proceed with the calibration process. Make sure that your computer is online to complete the process.



- If you have a model which precedes the T-series, select **Input the number** and enter the serial number found on the bottom of the calibration panel. Click the Confirm button and the system will begin downloading the corresponding PNL file online. Once the download is complete, the calibration process will begin. Make sure that your computer is online to complete the process.



3. You can set the calibration period in the calibration window. The default calibration period is set to 30 days.



- When the calibration period expires, the calibration icon will appear in red.