

How can I perform a calibration test on my ATLAS 9000?

ZEISS Quick Help: ATLAS® 9000

A calibration test can be performed on your ATLAS 9000 using a calibration tool that is often referred to as the Test Eye. Below is the 3-step check to perform a calibration test.

To begin:

- Insert the **Test Eye** (*Figure 1*) in the slots on the chin rest (*Figure 2*).



Figure 1



Figure 2

- Log into the ATLAS software as the Administrator.
- Leave the password box blank.
- Select **Tools** from the menu and then select **Calibration Check** and align the projection head by centering the crosshairs in the smallest ring of the image displayed (*Figure 3*).

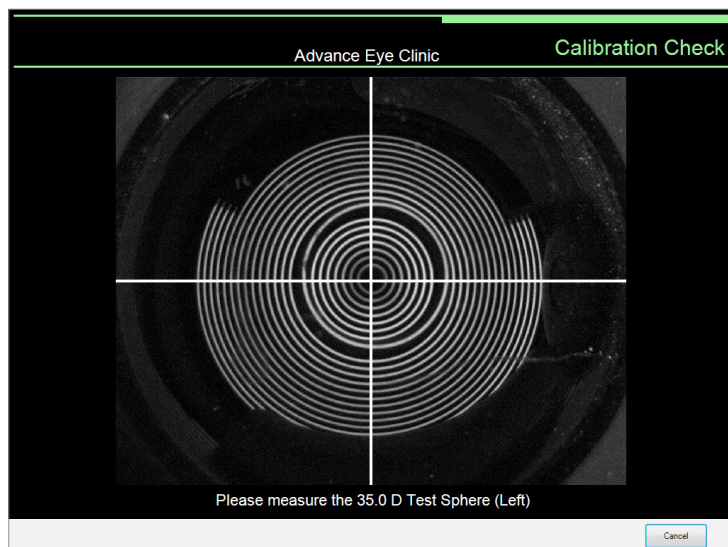


Figure 3

Step 1

When the image is aligned and focused, press the button on the joystick to capture the image.

- If the first step fails, clean the front surface of the glass spheres on the **Test Eye** with a soft cloth and repeat the first step (Figure 4). Residual dirt or oil may cause failure.
- If the first step fails after cleaning the test eye, call a ZEISS Technical Support Engineer for further assistance.

Step 2

Continue to align, focus and capture the second sphere (center sphere), when prompted.

Step 3

Capture the third and final sphere (sphere on the right end of the Test Eye).

- When you have finished the steps of capturing images for all three spheres on the test eye, a dialog appears (Figure 5) showing the final results of the complete calibration test.
- Three **PASS** reports indicate successful calibration with accurate measurement reading of the Test Eye.
- If a **FAIL** is reported on one or more of the calibration checks, try cleaning the failed sphere with a soft cloth and repeating the three step process before calling a ZEISS Technical Support Engineer. If needed, you may order a new calibration tool by contacting ZEISS and asking for a Test Eye (PN 000000-109-4714).

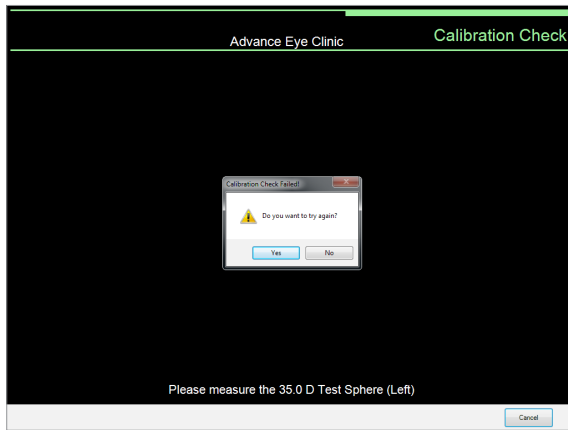


Figure 4

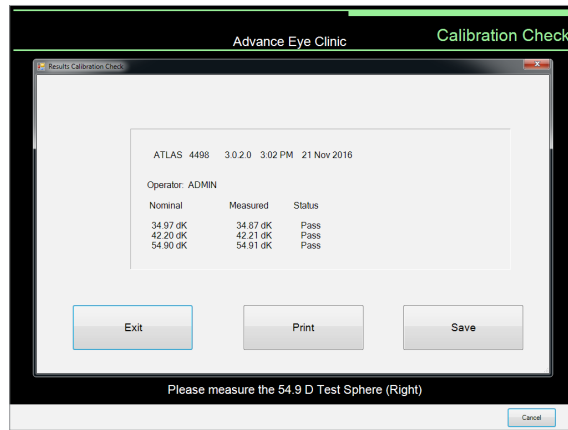


Figure 5

Refer to the ATLAS 9000 user manual *Instructions for Use* for safe and effective operation of the instrument.

