



Instructions Optical Polariscope (NH-15)

Please read the following instructions before using this machine.

PSI's Optical Polariscope is used for the following:

1. To identify stress on a mounted lens.
2. Verify if a glass lens has been tempered/hardened properly
3. Confirm polarization of a lens.

Instructions for use

1. Plug unit into 110V electrical outlet.
2. Turn the polariscope on by pressing the red button.
3. Hold the lens to be verified between the two windows.



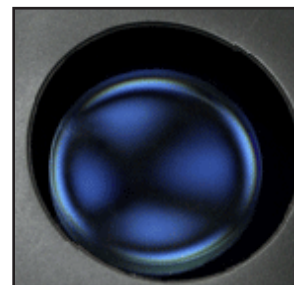
Identifying Stress On A Mounted Lens

Stress will be visible on the lens when looking through the top window of the Polariscope as waves or buckling. To adjust the contrast, rotate the upper polarization window to desired brightness.



To verify a glass lens has been tempered/hardened properly:

If properly tempered, a black "x" will appear in the glass lens when held between the two windows of the Polariscope. To adjust the contrast, rotate the upper polarization window to the desired brightness.



To confirm polarization of a lens

Place the lens between the two windows and rotate the upper polarization window. The lens should appear black at some point if properly polarized.



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