



VARIAN

Number: SHT-PS325-08

Date: July 3, 2007

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SERVICE How To

Model Number:	Originator:	Topic
PS 325 UV-Vis	Des Wichems	0% Transmission Calibration

0% Transmission Calibration

There are three 0%T calibration options available.

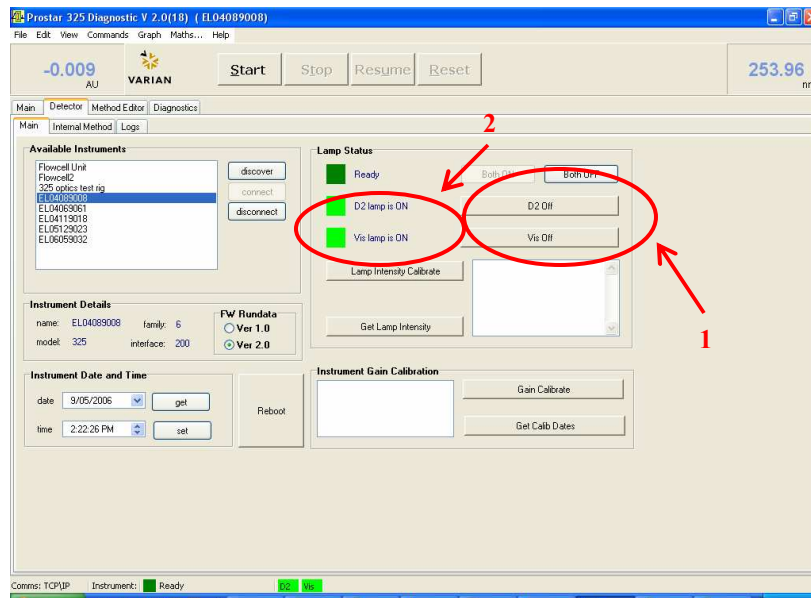
1. Calibrate with visible lamp on
2. Calibrate with D₂ lamp on
3. Calibrate with both lamps on

These will be required under the following circumstances:

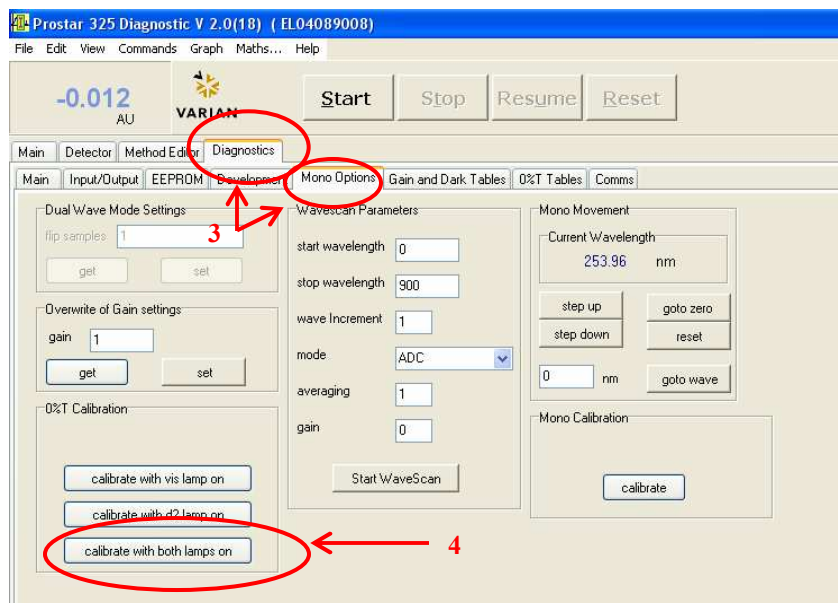
	Calibrate with visible lamp on	Calibrate with D₂ lamp on	Calibrate with both lamps on
Fitting Vis lamp option	Y	Y	Y
Replacing Vis lamp	Y	Y	Y
Replacing UV lamp	if Vis fitted	Y	if Vis fitted
Replacing Processor PWB	if Vis fitted	Y	if Vis fitted
Replacing Detector PWB	if Vis fitted	Y	if Vis fitted
Replacing mono	if Vis fitted	Y	if Vis fitted
Refractive Index test fails	if Vis fitted	Y	if Vis fitted
Detector Linearity test fails	if Vis fitted	Y	if Vis fitted

Procedure

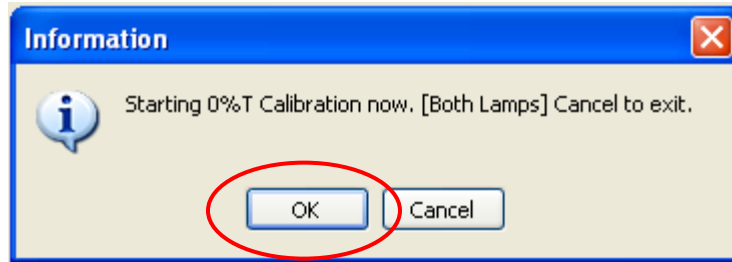
1. Turn the D₂ Lamp ON by clicking the D2 Lamp button, and wait until it is ready. Both the 'Ready' and 'D2 Lamp is ON' indicators should be green.



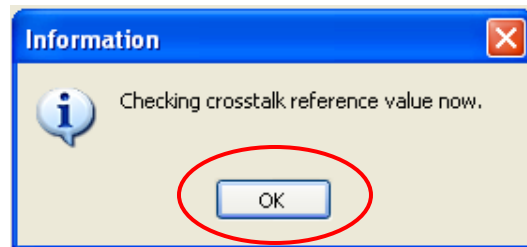
2. Go to 'Diagnostic' > 'Mono Options' (3) and in the 0%T Calibration (4) field, click on the calibration option required as per the table above.



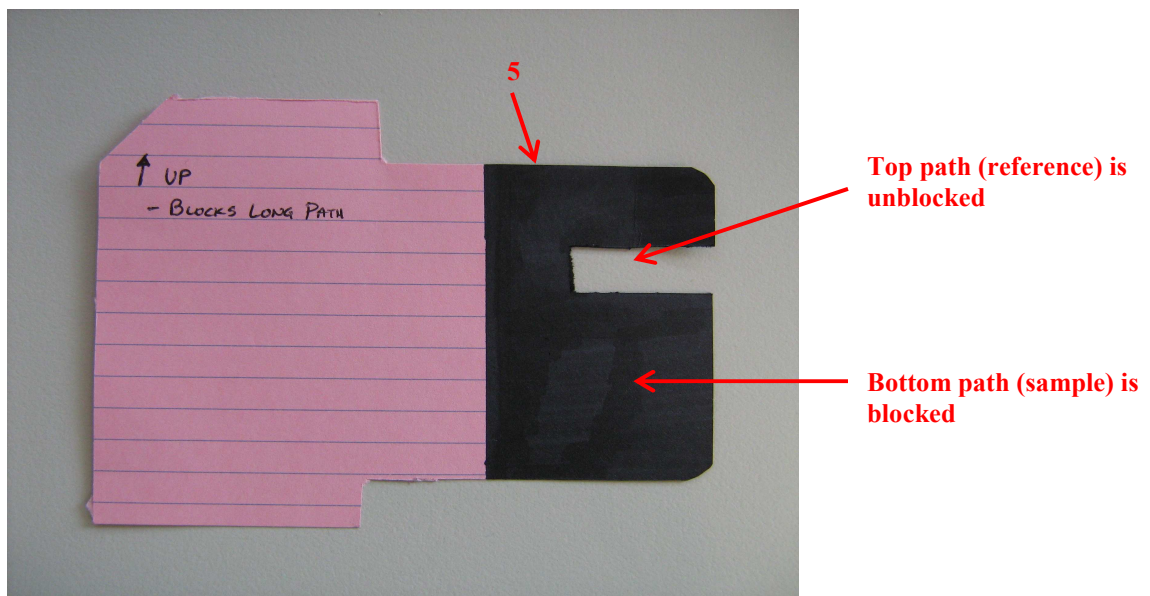
3. The 'Starting 0%T Calibration now' pop up box will appear. Click 'OK'.



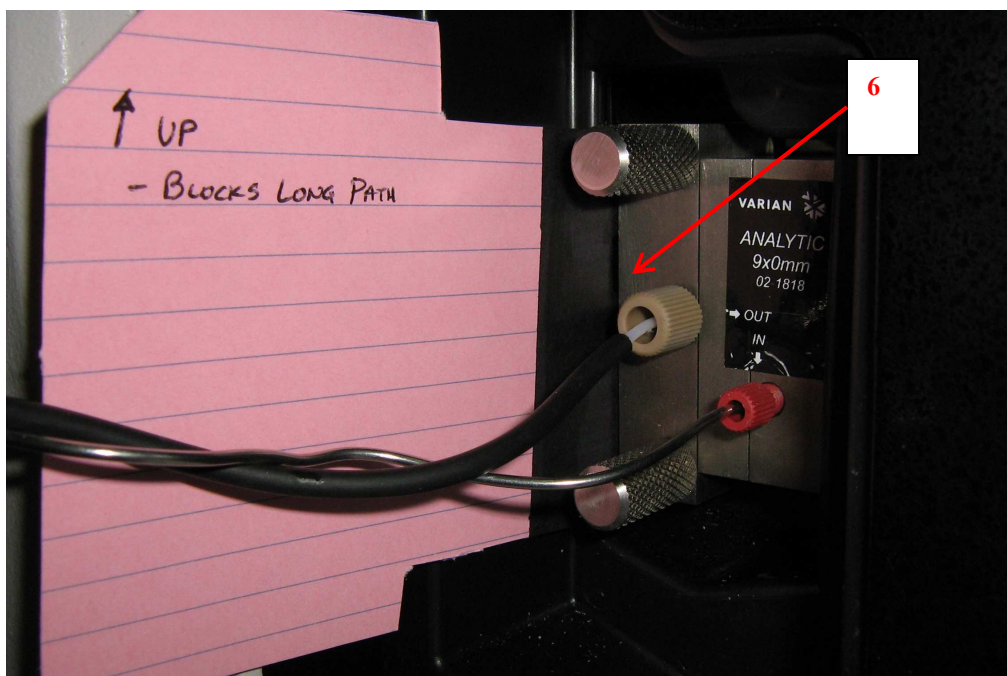
4. The following information boxes will then appear.



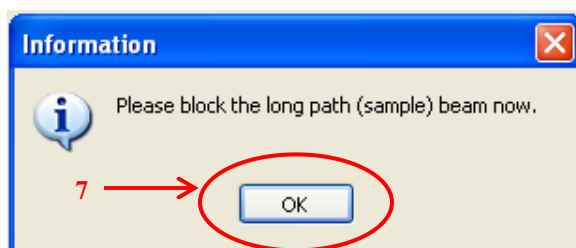
5. Create a black piece of paper card as shown below(5). The card should be created in such a way so that it will block the bottom light path.



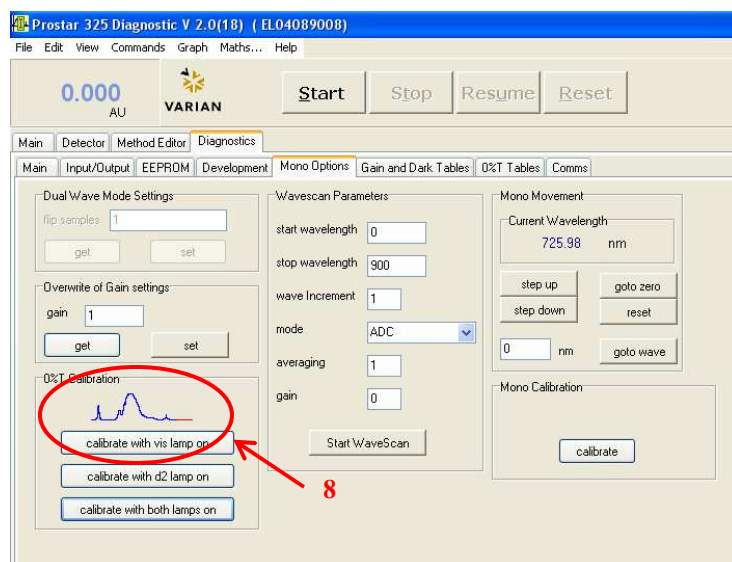
6. Place the newly created card between the Flow Cell and the Surround (6).



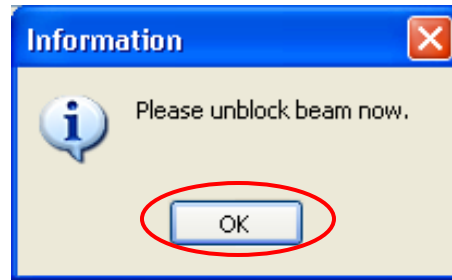
7. Click 'OK' (7). (Make sure you have only blocked the sample beam).



8. A small graph (8) will appear indicating that calibration is in progress.



9. When the following pop-up box appears, remove the black piece of paper and click 'OK'.



10. Another pop-up box will appear indicating that calibration is completed. Click 'OK' to finish 0%T calibration.

