



VARIAN

Number: SHT-PS325-11

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Pages 2

SERVICE How To

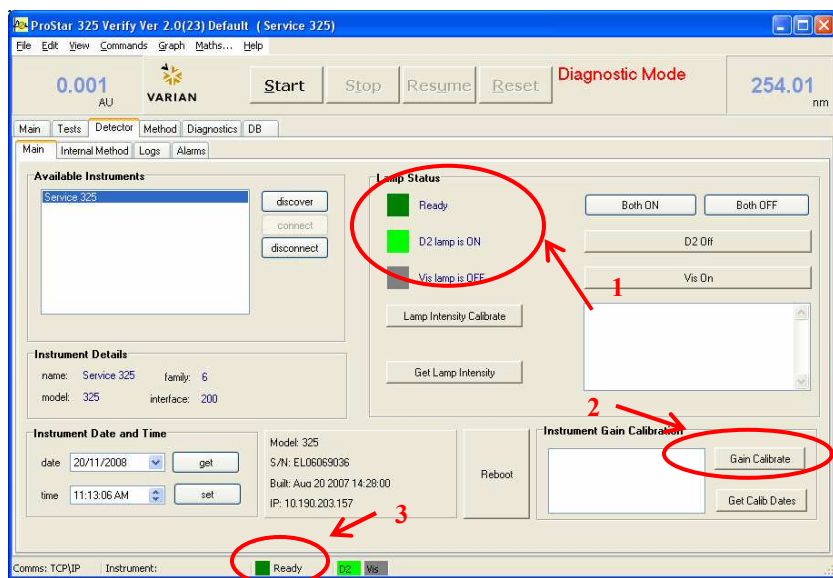
Model Number:	Originator:	Topic
PS 325 UV-Vis	P. van Poppel	Gain Calibration

Gain Calibration

The Gain Cal calibrates the signal Gain automatically for D2 only lamp, D2 and Vis combination lamps, and for Vis only lamp. These Gain factors are needed for a consistent emission signal across all wavelengths.

Procedure

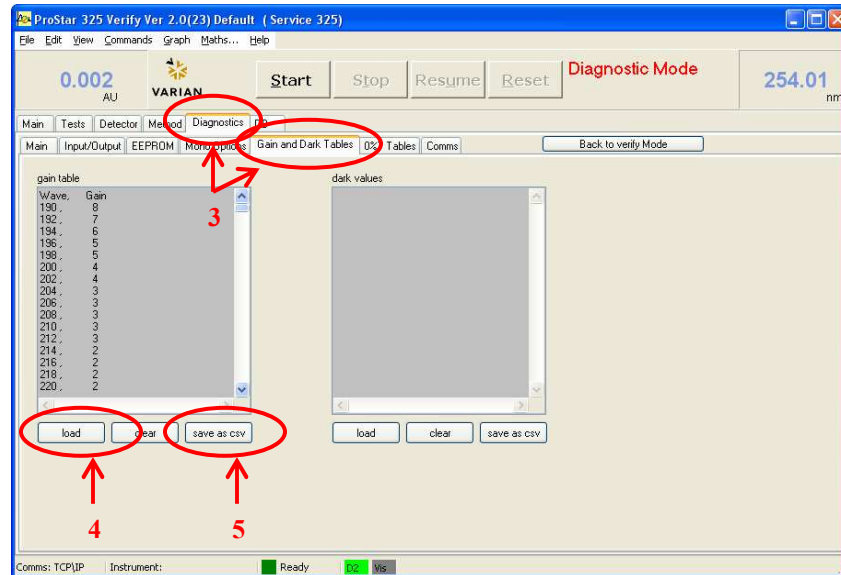
1. Open LCVerify, connect to the required detector and turn the D₂ Lamp *ON* by clicking the D2 Lamp button. Once the detector is ready, both the 'Ready' and 'D2 Lamp is ON' indicators should be green (1).



2. Start the Gain Cal by clicking the *Gain Calibrate* button (2). Wait until the detector Status is back to showing *Ready* (3).

Review the Gain Calibration

1. Open the diagnostics side of LCVerify by selecting the *Ctrl-Shift-F10* button combination on you keyboard.
2. Select the *Diagnostics tab* and the *Gain and Dark tables tab (3)*.



3. Select the *Load* button located under the gain table area (4) to download the current gain table. Then click *Save as CSV* (5) to save the table to send to Field Support. The Gain profile when graphed should look like the inverse of the wavescan profile.