



VARIAN

SERVICE How To

Model Number: PS 335 DAD	Originator: Des Wichems	Topic Calibration/Slit Alignment
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Calibrate/Align slits

1. Connect to your detector to PolyVerify and turn on the UV Lamp.
2. Once the unit is ready, press the Diagnostics tab (1) and then the slit tab (2).
3. Set the *Go To Microstep* setting to **-32** (3) and click on the button (4).
4. Once you see the *Ready* (5), press the *Find Transverse Slit* Button (6)

The screenshot shows the ProStar 335 PolyVerify software interface. The main window displays the 'Slit Test' section. The 'Diagnostics' tab is selected (1), and the 'Slit' sub-tab is active (2). The 'Go To MicroStep' dropdown is set to -32 (3), and the 'Find Transverse Slit' button is highlighted (4). The status bar at the bottom shows 'Ready' (5) and 'MonoMoving Slit datum not set' (7). The 'Get slit data' button is highlighted (8), and the resulting 'Slit data' list is shown (9).

Step	Value
Step -9	57091
Step -10	57078
Step -11	57039
Step -12	57033
Step -13	57034
Step -14	57037
Step -15	57033
Step -16	57034
Step -17	57032
Step -18	57035
Step -19	57033
Step -20	57085
Step -21	57195
Step -22	57329
Step -23	57352
Step -24	57361
Step -25	57386
Step -26	57390
Step -27	57387
Step -28	57386
Step -29	57382
Step -30	57368
Step -31	57306
Step -32	57285

5. It will take some time to move the mono around (you can see the progress in the comments section (7)), and once it is finished you can click the *Get Slit Data* button (8)
6. This will display the new slit data coefficients as well as whether the *Peak Find Status* was a *success*(9).