How to calibrate a LynxEye or LynxEye XE/XET

Primary optics: 1mm divergence slit and 2.5 deg. soller (hidden under plate between slit and tube for D2 Phaser)

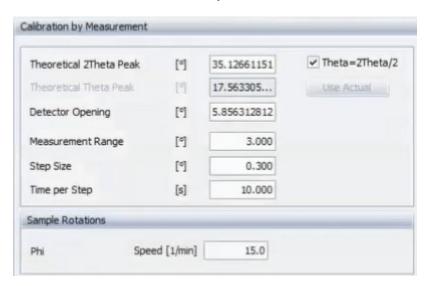
Sample: NIST Corundum (Bruker corundum for D2)

Secondary optics: 2.5 degree soller

Open DIFFRAC. Maintenance and go to the Detector tab.

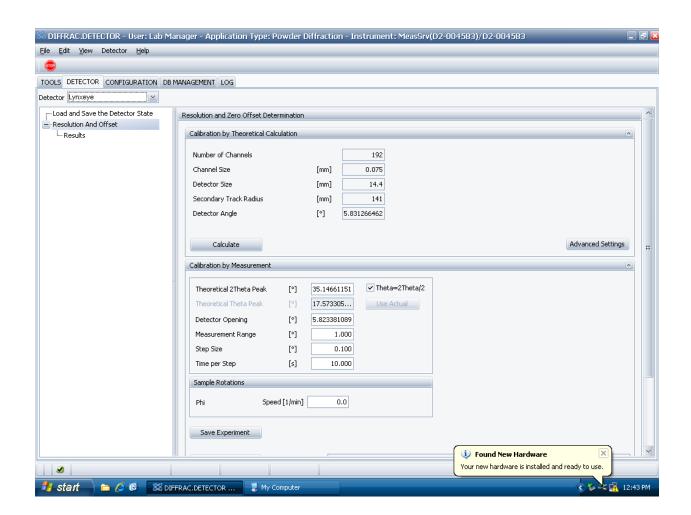
Change the calibration settings to match the following screenshots.

For D2 (the theoretical peak should be typed in as 35.129 and it may change to a different value automatically):

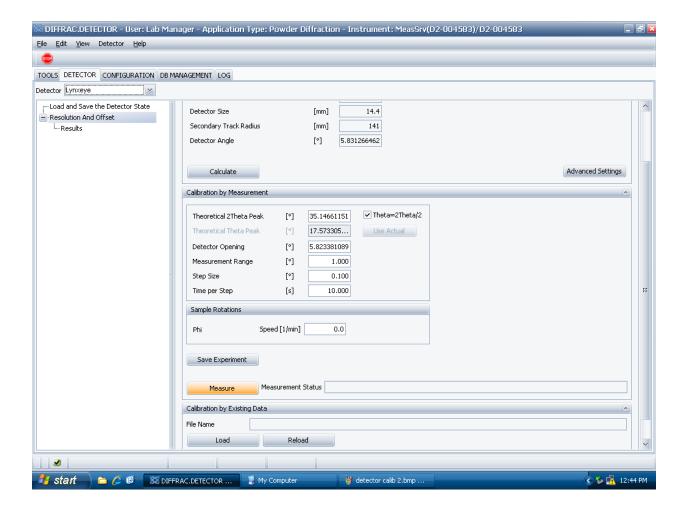


For D8 Advance/Discover:

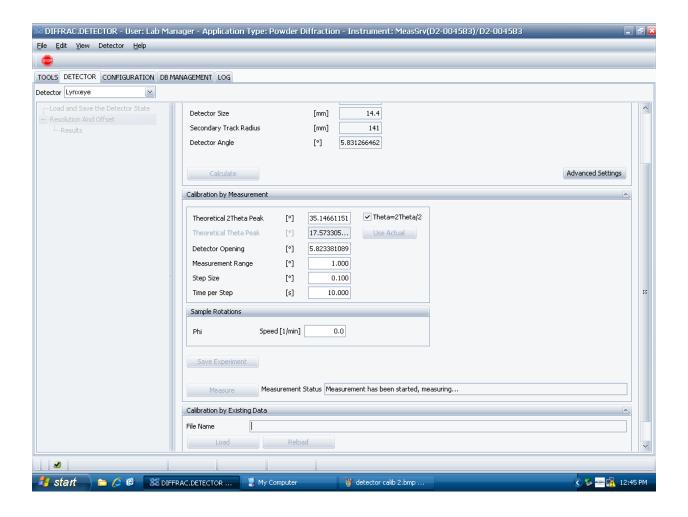




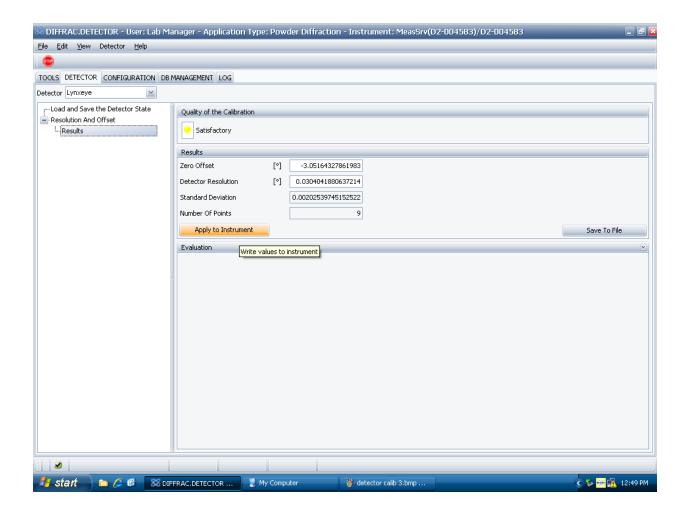
Click on the Measure button.



The calibration measurement will take a couple of minutes.



After the calibration measurement is complete you will get a satisfactory notice with a Green or yellow dot next to it. Now click Apply to Instrument.



When the dialog box comes up, press Yes. You will have to then reconnect to the instrument via Measurement Server-> Instrument status.

