

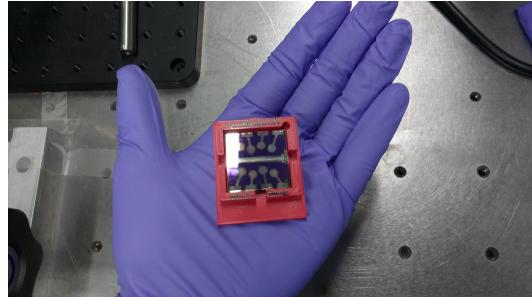
Spectral Response Instructions

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1 Mounting the sample

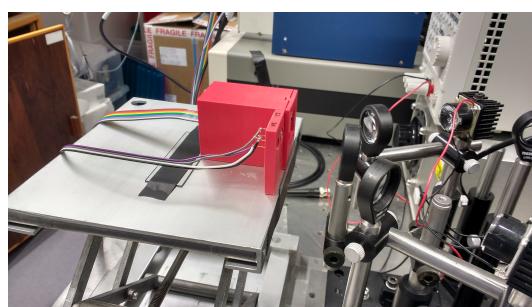
1. Remove the cap of the sample holder and hold it so you can see the notched corner in the top right.
2. Place the sample in the aperture and push it to the notched corner with pixel 1 in the top left corner and so you see the metal side of the electrodes.



3. Holding the cap flat in one hand so the sample doesn't move, place the holder body onto the cap ensuring a tight fit.



4. Place the sample holder onto the stage so it fits between the two glass spacers.



2 Software

2.1 Running the software

1. Open the program from the HJSGroup folder on the server, `~\Labview\Spectral Response\spectral_response_main.vi`.
2. When you run the program you will be prompted to input a username and an experiment title. These are needed to create folders to save data for the experiment.
3. Click OK and the software is ready to use.

2.2 Device and measurement details

1. Fill in the boxes for Device label, Experiment variable, and Variable value.
2. Select which pixel you want to measure.
3. Input the wavelength range, wavelength increment, number of averages per wavelength, and measurement sensitivity (you should only change this for accurate measurements in the sub-bandgap region).

2.3 Running a measurement

2.4 Advanced