

Percy Jacobs – Scopex 2018 ATM Winner

Prize - Baader Planetarium 21mm Hyperion eyepiece



Homemade Plastic 3D Printed Medium Resolution Spectroscope

Details of the spectroscope

To get a resolution of $R \sim 900$, you can build your own "slit" spectroscope for about R10,000 or as low as R5,000. **Very similar to the DADOS design**

Credit to the designer



Spectrograph / Spectroscope (LOWSPEC)

by PJHGerlach, published Jul 27, 2017

<https://www.thingiverse.com/thing:2455390>



Costs

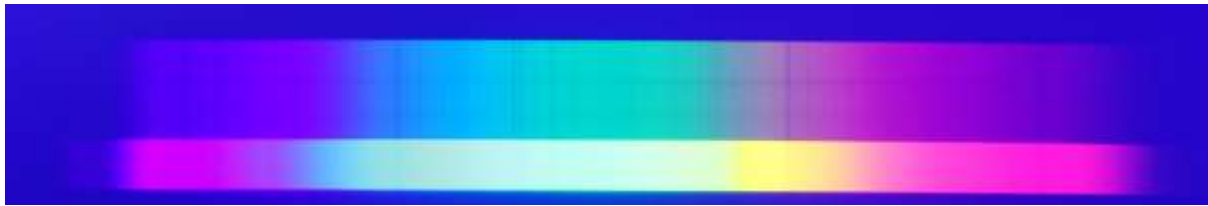
1. 3D Printing
2. Mirrors, lenses, grating
3. Slit
4. Hardware – screws, bolts, etc.
5. Courier costs
6. Vat on import

The equipment in use



Example of the spectra

Solar Spectra



Processed

