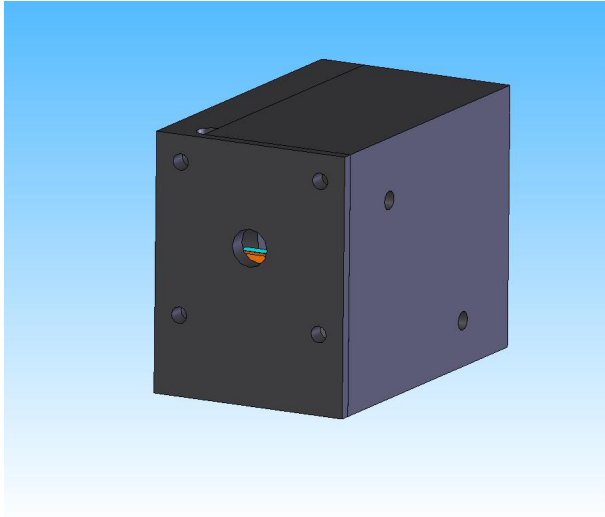


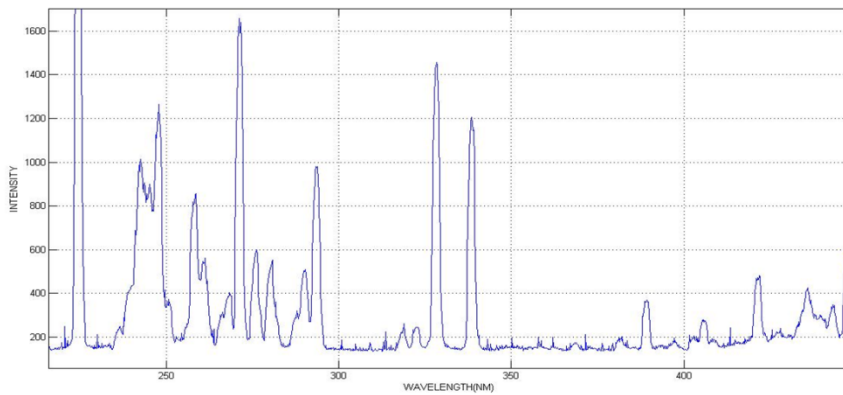


## 224PLRFS, Plasma Line Rejection Filter System with Grating



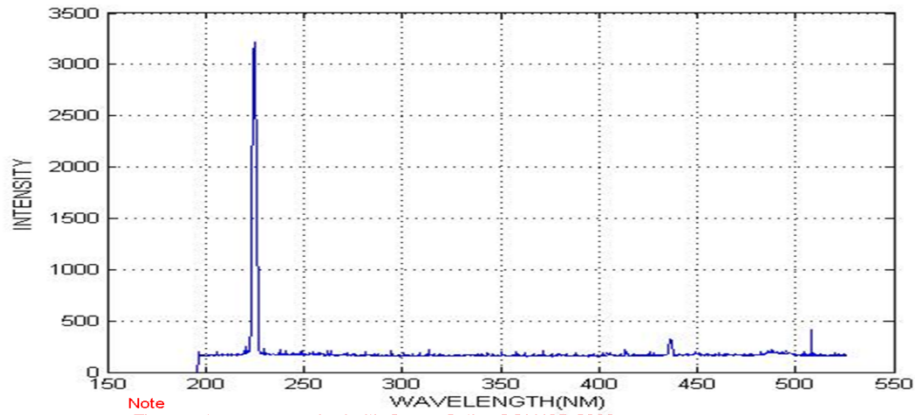
- Simple Plug and Play High efficient Grating system to provide clean Laser line
- Removes Plasma lines above 224nm
- 2 bounce providing beam steering function
- Adapts to 1" square mounting pattern both input and output

Raw 224 nm He Ag Laser Zoomed

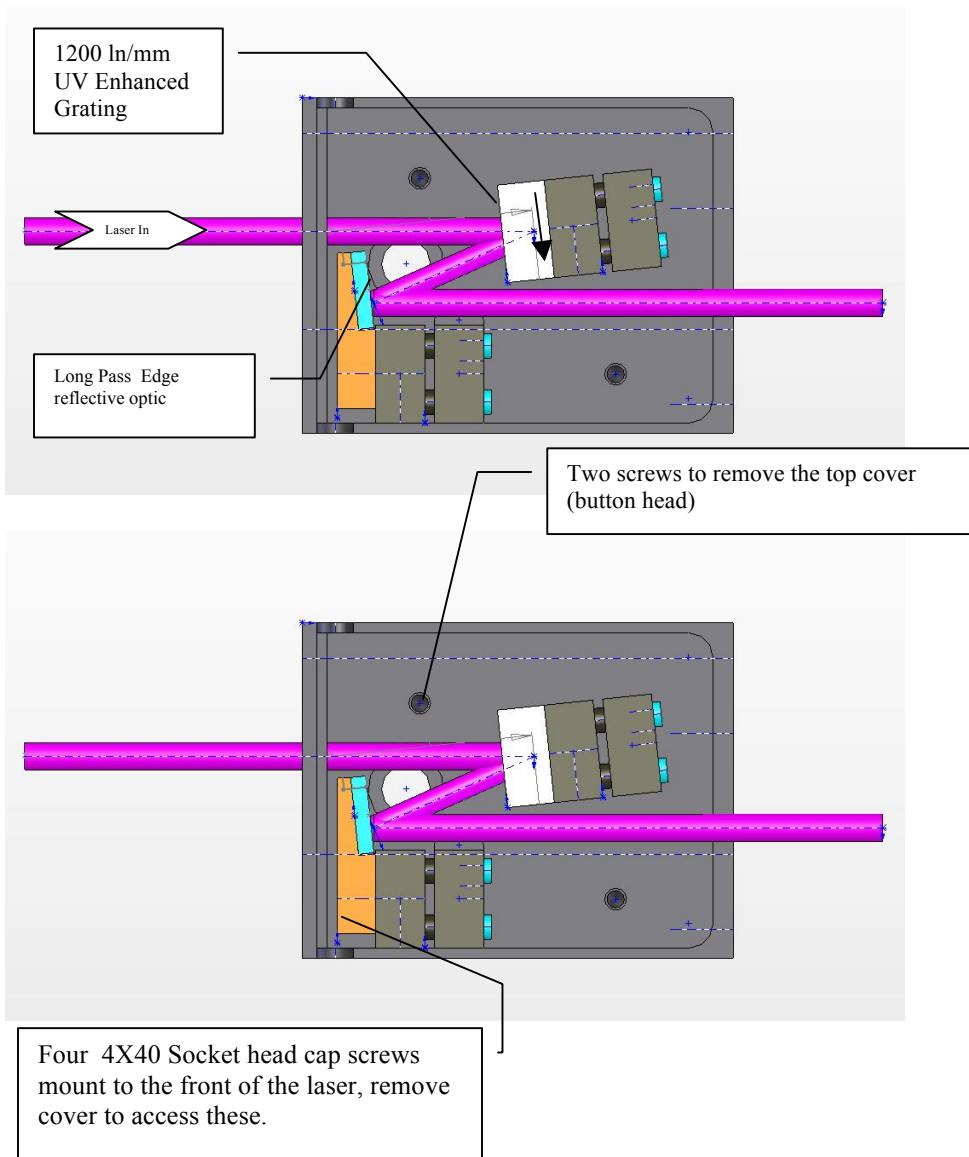


Note:  
• The spectrum was acquired with Ocean Optics OOI USB 2000.  
• The intensity values are not absolute

224 nm He Ag Laser With PLRFS (using 2 BOUNCES 224 Filters & 1200 Grating)



Note  
•The spectrum was acquired with Ocean Optics OOI USB 2000.  
•The intensity values are not absolute



Once you have mounted the PLRFS you can use the fluorescence Green paper included with the laser to trace the beam and make adjustments to have it exit the front hole in the cover. The grating is a 1200 ln/mm optic so you can calculate how far you will need to propagate the beam in order to provide adequate removal.

Typical transmission is 40% for the 224nm laser line, OD 9 blocking, 225.5nm to 550nm. Measured 0.5m from aperture.