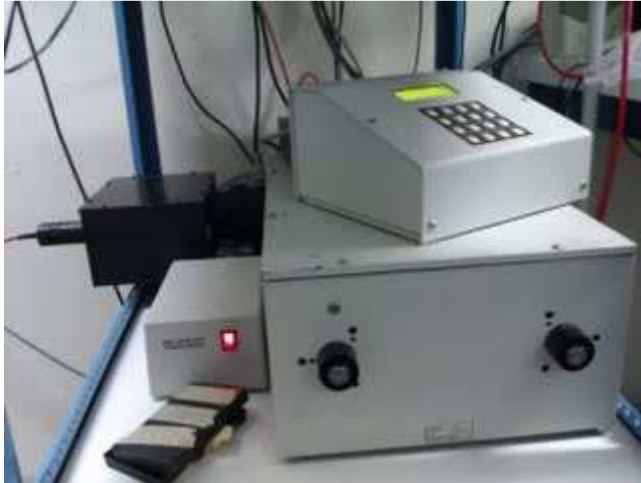


## SPECTROPHOTOMETER (EMMISSION SPECTROMETER)



**MODEL:** SPECTRA PRO 500 by Acton Research Corp

**INSTALLATION PLACE:** Plasma Laboratory,  
Department of Microelectronics

**DESCRIPTION:** Three grating spectrometer with  
CCD camera Detector

### SPECIFICATIONS

1. Focal Length: 0.5meters
2. Optical System: Exclusive i-Series Imaging with plane gratings 1200g/mm (HOL 500nm and 750nm)
3. Instrument resolution: 0.05nm (minimum slit width, which can be varied accurately)
4. Grating Size: standard 68mm x 68mm
5. CCD SBIG ST-6 model from 300nm to 900nm (Peltier cooled)
6. Accuracy:  $\pm 0.2$ nm

### APPLICATIONS

1. Optical emission spectroscopy in visual and near infrared

### CERTIFICATION/ACCREDITATION

The facility is not certified or accredited.

### CONTACT PERSON

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