

## OTHER CAPABILITIES

- **Cary WinUV Spectrometer**

The Agilent Cary 60 UV-Vis spectrophotometer is an instrument used to analyse compounds in the UV and visible (Vis) regions of the electromagnetic spectrum. It provides 190-1100nm wavelength range, which gives complete coverage of UV-Vis range and extending up into the NIR.



Agilent Cary 60 UV-Vis

- **Infors HT Ecotron Incubator Shaker**

- **Freeze Dryer**

- **HPLC System** – The Altus HPLC system can be used to separate, identify and quantify each component in a complex mixture. It has UV/Vis and Refractive Index detection systems and capacity up to 120 standard-sized vials for seamless transition between samples.



Altus HPLC Liquid Chromatography System

- **Epilog Laser System** – used for engraving and cutting various materials (including wood, plastics, paper, acrylics and much more)



Epilog Laser Helix

**Stored/set up and configuration required**

- **FTIR** – detects different chemical compounds present on paper substrate, identifies pulp & paper contaminant
- **Ozonia Ozone Generator**
- **Haake Caber 1 Capillary Breakup Extensional Rheometer** (available in Monash Rheology Lab)