



## Chemical and Biomolecular Engineering Equipment and Pricing List

	Equipment Supervisor	Location	Chem & Biomol Engineering	Other Univ Melb Department	Other Academic Institute	External	Training
			Cost/Day	Cost/Day	Cost/Day	Cost/Day	Cost/Day
AcoustoSizer (Colloidal Dynamics)	Adam Kilcullen	BIO 20	\$40	\$40	\$80	\$160	\$180
AnaLight Bio200: DPI (Farfield)	Lillian Lee	Bldg 1, 1.18	*	\$250	\$500	\$0	***
ASAP 2000 (Micrometecs)	Andrea O'Connor	Bldg 2, 2.4	\$50	\$50	\$100	\$200	\$100
Atomic Absorption Spectrometer (AAS)	Wendy Tao	CEAF	\$450	\$450	\$0	\$0	***
Atomic Force Microscope (AFM; Asylum MFP-3D)	Elvira Tjipto Heng Pho Yap	Bldg 1, 2.25	*	\$150	\$250	\$500	\$200
Capillary Rheometer (Custom Made)	Adam Kilcullen	Bldg 2, 1.4	\$0	\$0	\$0	\$0	\$240
Centrifuge (Avanti 30; Beckman)	Dave Dunstan	Bldg 1, 2.23	**	**	**	**	**
Chamber Furnace (Shimaden FP93 controller)	Yajun Wang Sarah Dodds	Bldg 166, Ground Fl	\$0	\$0	\$0	\$100	\$120
Chamber Furnace(Shimaden FP21 controller)	Michelle de Silva	Bldg 166, Ground Fl	\$0	\$0	\$0	\$0	\$0
Confocal TCSPC fluorescence microscope (Leica)	Angus Johnston Alex Zelikin	Bldg 1, 1.17	*	\$400	\$800	\$1,500	***
Controlled Strain Rheometer (ARES; Rheometrics)	Adrian Knight	BIO 20	\$60	\$60	\$240	\$450	\$240
Controlled Strain Rheometer (HAAKE)	Adrian Knight	Bldg 2, 1.1	\$0	\$0	\$0	\$0	\$240
Controlled Stress Rheometer	Dave Dunstan	Bldg 1, 2.23	**	**	**	**	**
Controlled Stress Rheometer AR-G2	Adam Kilcullen	BIO 20	\$60	\$60	\$240	\$450	\$240
Controlled Stress Rheometer SR5	Adam Kilcullen	BIO 20	\$80	\$80	\$160	\$350	\$240
Crushing & Grinding Facility	John Provis	Bldg 2, Basement	\$0	\$0	\$0	\$0	\$1,200
Differential Scanning Calorimeter (Perkin Elmer)	John Provis Laura Gordon	Bldg 2, 2.4	\$20	\$20	\$100	\$200	***
Dynamic Interfacial Tension Measuring Device (FTA)	Joannelle Bacus	Bldg 1, 2.11	\$80	\$80	\$80	\$160	\$160
Electro-Kinetic Analyzer (Brookhaven Instruments)	Adam Kilcullen	Bldg 2, 1.4	\$40	\$40	\$80	\$160	\$180
Flow Cytometer (Imaging; Amnis)	Angus Johnston	Bldg 1, 1.17	*	\$750	\$1,500	\$0	***
Flow Cytometer (Partec CyFlow)	Alisa Becker	Bldg 1, 1.18	*	\$500	\$1,000	\$3,000	\$400
Fluorescence Microscope Digital Widefield (Olympus IX71)	Angus Johnston Alex Zelikin	Bldg 1, 1.17	*	\$100	\$250	\$500	\$200
Fluorescence Spectrophotometer (Fluorolog; Horiba)	Lillian Lee Sri Sivakumar	Bldg 1,1.17	*	\$100	\$250	\$500	\$200
Fluorimeter (Cary Eclipse)	Dave Dunstan	Bldg 1, 2.23	**	**	**	**	**
Freeze-dryer (Heto Drywinner)	Alex Zelikin Georgina Such	Bldg 1, 1.15	*	\$60	\$120	\$300	***
FT-IR Spectrometer (Varian 7000)	Georgina Such Cameron Kinnane	Bldg 1, 1.17	*	\$100	\$250	\$500	\$500
High Performance Particle Sizer (DLS; Malvern)	Heng Pho Yap	Bldg 1, 1.17	*	\$100	\$250	\$500	\$250
High Pressure Gravimetric Sorption Analyser (VTI)	Colin Scholes	Bldg 1, G19	\$50	\$50	\$200	\$500	\$500
HPLC (Shimadzu)	Tung Hoang	Bldg 1, G19	\$25	\$25	\$100	\$200	\$240
ICP (Varian)	Wendy Tao	CEAF	\$700	\$700	\$1,400	\$1,400	***
Intrinsic Viscometer (Schott ViscoDoser AUS 20)	Dave Dunstan	Bldg 1, 2.23	**	**	**	**	**
Inverted Microscope with CCD Digital Camera	Andrea O'Connor	Bldg 2, B1	\$40	\$40	\$100	\$200	\$100
Ion Chromatography (Dionex)	John Provis Dingwu Feng	Bldg 2, 2.4	\$100	\$100	\$100	\$200	***
JADE Computer Software	John Provis	Bldg 2, 2.4	\$50	\$50	\$100	\$200	***
LUMifuge	Adrian Knight	Bldg 2, 1.4	\$0	\$0	\$0	\$0	\$180
Malvern Mastersizer 2000	Adrian Knight	Bldg 2, 1.1	\$100	\$100	\$100	\$200	\$150
Meeting Room	Lillian Esposito Annmaree Sharkey	Bldg 1, 3.14	\$0	\$0	\$0	\$0	\$0
QCM (frequency)	Elvira Tjipto	Bldg 1, 1.18	*	\$60	\$120	\$300	\$220
QCM D300 (Q-Sense)	Elvira Tjipto	Bldg 1, 1.18	*	\$100	\$250	\$500	\$250
QCM E4 (Q-Sense)	Brigitte Stadler	Bldg 1, 1.18	*	\$120	\$250	\$600	\$300
Robotic Dipper (Stratossequence)	Heng Pho Yap	Bldg 1, 1.17	*	\$60	\$120	\$300	\$120
Shimadzu GPC Malls Aqueous Light Scattering	Dave Dunstan	Bldg 1, 2.23	**	**	**	**	**
Sonicator Horns Y Strat	Dave Dunstan	Bldg 1, 2.23	**	**	**	**	**
Sonifier (Branson)	Sandra Kentish	Bldg 1, G19	\$25	\$25	\$100	\$200	\$240
Sonifier 250 (Branson)	Dave Dunstan	Bldg 1, 2.23	**	**	**	**	**
Surface Plasmon Resonance	Brigitte Stadler	Bldg 1, 1.17	*	\$125	\$200	\$300	\$250
TAXT2 Texture Analysis (TA Instruments)	Dave Dunstan	Bldg 1, 2.23	**	**	**	**	**
Thermogravimetry/Differential Thermal Analysis (Perkin Elmer)	John Provis Laura Gordon	Bldg 2, 2.4	\$20	\$20	\$100	\$200	\$100
Thermomechanical Analysis (Perkin Elmer)	John Provis Laura Gordon	Bldg 2, 2.4	\$20	\$20	\$100	\$200	\$100
UV-VIS Spectrophotometer (Agilent 8453)	Alex Zelikin Alisa Becker	Bldg 1, 1.17	*	\$100	\$250	\$500	\$100
UV-VIS Spectrophotometer (Cary 3)	Dave Dunstan	Bldg 1, 2.23	**	**	**	**	**
UV-VIS Spectrophotometer (Cary 4000)	Angus Johnston Georgina Such	Bldg 1, 1.15	*	\$100	\$250	\$500	\$150
Vacuum Pump (Edwards RV5)	Almar Postma	Bldg 1, 1.15	\$0	\$0	\$0	\$0	\$0
Xray Diffractometry (XRD)	Claire White John Provis Laura Gordon	CEAF	\$100	\$100	\$100	\$200	\$400
Zetasizer (Malvern)	Sri Sivakumar Alisa Becker	Bldg 1, 1.17	*	\$100	\$250	\$500	\$200

\* Contact Prof Frank Caruso for instrument access and rates

\*\* Contact Assoc Prof Dave Dunstan for instrument access and rates

\*\*\* Contact Instrument Supervisor for rate