

Electron Microscope Unit, MWAC, UNSW

Instrument usage charges:

Technique	Instrument	Operator	UNSW	Other Australian Universities & Affiliated Institutes (ex.GST)	Corporate (ex. GST)
TEM	F200	User Operated	\$40	Price on application	
		Staff Operated	\$140		
	Tecnai, cm200, J1400	User Operated	\$40	\$110	\$200
		Staff Operated	\$140	\$220	\$330
SEM	NanoSEM 450, s3400x, s3400i, Quanta	User Operated	\$40	\$110	\$200
		Staff Operated	\$140	\$220	\$330
	NanoSEM 230, 7001	User Operated	\$40	\$42	\$190
		Staff Operated	\$140	\$140	\$320
AFM	ICON, JSPM5400	User Operated	\$50	\$120	\$210
		Staff Operated	\$140	\$230	\$340
FIB	Nanolab, Auriga	User Operated	\$40	\$42	\$190
		Staff Operated	\$140	\$140	\$320
EPMA	Hyperprobe 8500	User Operated	\$40	\$42	\$190
		Staff Operated	\$140	\$140	\$320
Specimen preparation	Ultra-Microtome/ Hour (incl. costs of embedding, staining etc)	User Operated	\$30	\$40	\$85
		Staff Operated	\$140	\$220	\$330
	Cryo-Ultramicrotome/ Hour (incl. costs of embedding, staining, nitrogen etc)	Staff Operated ONLY	\$140	\$220	\$330
		Critical Point Dryer/ Run	User Operated	\$30	Price on application
	Staff Operated		\$140		
	Ion polishing (IM-4000 Ion Polisher, PIPS, NanoMill)	User Operated	\$20	Price on application	
Staff Operated		\$140			

Training charges (per internal user): [for external user training charges, please consult with EMU staff]

Technique	Instrument	Training time	Fee
SEM	NNS230, NNS450, J7001, Quanta, s3400X, s3400I	6 hours	\$300
TEM	J1400, Tecnai, cm200	6 hours	\$300
	F200	12 hours	\$600
AFM	ICON, JSPM5400	6 hours	\$300
FIB	Nanolab (DualBeam)	10 hours	\$460
	Auriga	10 hours	\$460
	Lift-out	3 hours	\$150
EPMA			Price on application
Cryo TEM			Price on application
Biological/polymer specimen preparation	CPD	6 hours	\$300
	Negative staining	2 hours	\$80
	Resin embedding, ultramicrotomy, positive staining		Price on application
Ion Polishing	Hitachi IM-4000 Ion Polisher, PIPS II, NanoMill	2 hours	\$100

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Consumables	ALL Users (UNSW, Corporate etc)
TEM:	
Formvar+carbon coated grids (box of 25)	\$75
Formvar coated grids (box of 50)	\$85
Grid – thin carbon film on lacey formvar	\$6 (each)
Tweezers – Regular	\$50
Tweezers – Self Closing	\$60
Grid box - Omniprobe	\$10
Grid box – Omniprobe anti-static	\$12
Grid Box – Rectangle	\$40
Grid Box – Round	\$35
Grid Box - Small	\$25
SEM:	
SEM Specimen Box	\$10
SEM mount – 12.5mm pin stub (pack of 5)	\$1.50
SEM mount – 25mm pin stub (pack of 5)	\$8
SEM mount – 15mm stub (pack of 5)	\$5
SEM mount – 25mm stub (pack of 5)	\$8
SEM mount – double 90° x-section	\$7.50 (each)
SEM mount - 45°/90° mount	\$3.50 (each)
SEM mount – 38mm pin stub	\$7 (each)
Specimen Split Mount	\$45
Diamond pen	\$30
AFM:	
Gel box	\$16

Note: All invoiced customers are subject to 10% GST on top of standard rates