



2018 costs for University of Sydney users

**Sydney Analytical:**

Category	Cost
Vibrational Spectroscopy instruments	
XPS/UPS	\$50 per hour
EPR	
Powder X-ray diffractometers	
XRF	\$25 per hour*
X-ray Scattering	TBA*
Single Crystal X-ray diffraction	\$113 per full sphere collection*
NMR (from 2019)	TBA
<b>Group cap</b>	\$4500 per calendar year for up to 5 members (increasing to \$5000 in 2019)
(instrument time only)	+ \$200 per group member
Training	\$50 per person, up to cap of \$300 per group.
Staff assistance	\$100 per hour

**Sydney Microscopy and Microanalysis:**

Category	Cost
Up to 8 consecutive hours per session per instrument	\$40 per hour
Each consecutive hour over 8 hours per session per instrument	\$10 per hour
Specimen preparation and image analysis equipment	\$2 per hour
<b>Individual user cap</b>	<b>\$1,500 per calendar year</b>

Not included in the cap:

\$270 one-off training fee for new users

\$195 per hour for technical staff instrument operation

**Sydney Cytometry:**

Equipment	Cost unassisted	Cost operator assisted
Cell sorter: basic, 2 laser	\$34 per hour *	\$75 per hour
Cell sorter: advanced	\$51 per hour *	\$90 per hour
Sort set up	\$40 "flag-fall" each session	
Cytometers: basic, <4 lasers	\$34 per hour	\$75 per hour
Cytometers: advanced, >4 lasers	\$51 per hour	\$90 per hour
Image Cytometer: plates	\$34 per hour	\$75 per hour
Image Cytometer: ImageStream	\$51 per hour	\$90 per hour
Mass Cytometer	\$60 per hour	\$100 per hour
Imaging Mass Cytometer	\$60 per hour	\$100 per hour
Additional operator assistance	-	\$50 per hour
Training	-	\$25 per hour

\* Requires extensive training

**Sydney Informatics Hub:**

**Bioinformatics software and services**

6 month subscription to CLC Genomics Workbench and CLC Server	\$750
12 month subscription to CLC Genomics Workbench and CLC Server	\$1,500
Ingenuity Variant Analysis software	\$165 per sample
Ingenuity Pathways Analysis software	Free for users
Next-generation sequencing analysis, merit based – please contact	

- Access to Artemis High Performance Computing cluster is free for users
- Access to the Argus Research Virtual Desktop is free for users
- Access to the Research Data Steward is free for users
- Access to the Data Science Team is merit based
- please contact the facility



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**Research and Prototype Foundry:**

Equipment	Cost
Nikon microscope	\$20 per hour
DekTak stylus profilometer	
Leica stereo zoom microscope	
Olympus stereo zoom microscope	
MLA 100: Maskless Aligner	\$50 per hour
Spin dryer	
Die Bonder	
3D Optical Profiler	
Wet benches	
Brewer Spin coater	
Brewer Developer	
SVG 88 track	\$60 per hour
AFM: Atomic Force Microscope	
Oxford ICP reactive ion etcher	
DWL 66+ Laser mask writer	
ALD: Atomic Layer Deposition system	
FIB-SEM: Focused Ion Beam Scanning Electron Microscope	\$90 per hour
ASML PAS 5500/100 Stepper	
Elionix EBL: electron beam lithography, incl Beamer software	\$50 per hour
Staff assistance	

**Sydney Mass Spectrometry:**

Category	Cost
Registration (inc training)	
Mass spectrometry	\$500
2D gel electrophoresis	\$300
Bench fees	
Off line LC, IEF cells and large gel tanks	From \$1 per hour
LC-MS and MSI systems	\$10 per hour
Consumables	
Zip tips	\$195 per box
96 well plates with silicon seal	\$10 each
PCR strip (8 tubes) and seal	\$2
Contract research	
Sample clean up	\$25 per sample
Peptide mass fingerprinting	\$70 per sample
Deuteration analysis	\$70 per sample
Intact protein mass (purified protein)	\$70 per sample
Protein ID by 1D LCMS	\$105 per sample
Quantitative proteomics	\$750 per sample

*Please contact us for a quote for bespoke contract 'omics analytical services*

**Sydney Imaging:**

Preclinical Imaging Equipment	Cost
HFUS + Photoacoustics: Vevo2100 + VevoLAZR	\$50+ per hour*
Optical Imaging with microCT: IVIS SpectrumCT	\$50 per hour*
Body composition analyser in awake animal: echoMRI	\$20 per hour
X-ray: FaxitronUltraFocus100DXA	\$40 per hour
7T MRI	\$150+ per hour*
3T MRI	\$150 per hour*
PET/MR (pre-clinical)	\$150 per hour*
<b>Hybrid Theatre*</b>	
C-Arm (SIEMENS Artis Pheno)	<i>Please contact us for a quote for Hybrid Theatre projects</i>
Ultra Sound	
Heart Lung Machine	
Image intensifier	

*\*costs depending on application*