

### Sydney Analytical

Instrument type	University of Sydney	External University Users & Publicly Funded Research Organisations <sup>1</sup>
<b>Vibrational Spectroscopy instruments</b> Infrared and Ramen spectrometers Portable instruments	\$ 50/hour	\$ 130/hour
Staff assistance	\$25/hour \$200/day \$1000/week	\$65/hour \$440/day \$2000/week
Instrument training	\$100/hour \$50/person/ instrument	\$100/hour \$130/person/ instrument
<b>X-ray spectroscopy</b> X-ray or ultraviolet photoelectron spectroscopy (XPS/UPS) X-ray fluorescence * Portable XRF and Artax	\$50/hour	\$130/hour
Staff assistance	\$25/hour \$25/hour \$200/day \$1000/week	\$64/hour \$65/hour \$440/day \$2000/week
Instrument training	\$100/hour \$50/person/ instrument	\$100/hour \$130/person/ instrument
<b>Magnetic Resonance</b> Electron paramagnetic resonance Nuclear magnetic resonance	\$25/hour Contact us	\$65/hour Contact us
<b>X-ray techniques for structural determination</b> Powder diffractometers, including controlled environment accessories * Small and wide-angle X-ray scattering (SAXS/WAXS) * Single crystal X-ray diffraction (SCXRD) SAXS analysis	\$ 25/hour \$50/hour \$12/hour \$300 (4 hrs) \$560 (8 hrs) \$960 (16 hrs)	\$65 hour \$130/hour \$30/hour
Computers for data analysis	\$12/hour	\$12/hour

### Facilities Costs 2020 (internal users)

<b>Drug Discovery</b> Protein production Protein NMR, metabolomics NMR and SPR services Primary fragment-based drug screen and validation Cyclic peptide ligand screen Training	Contact us \$50/hour \$15,000 \$3,000 \$50/hour	Contact us \$80/hour \$15,000 \$6,000 \$80/hour
<b>Sample preparation</b> Rock thin section Hard material cutting & polishing	Contact us	Contact us
<b>Research Group Cap</b> for University of Sydney researchers on instrument time only: <b>\$5,000 per calendar year</b> for research groups with up to 5 members, plus \$250 per additional group member.		
* Special rates apply for School of Chemistry and School of Life and Environmental Sciences researchers – see the Sydney Analytical website for more details		

### Research and Prototype Foundry

Instrument	Cost
Dicing Saw ADT	
*Die Bonder Fine Tech Lambda	
Dry Film Laminator Fortex FL-0305-01	
Ellipsometer JA Woollam M2000	
*Fibre Drawer Tower	
Lamp Annealer ULVAC MILA 5000	
Microscope Nikon Eclipse LV100ND	
O2 Plasma Asher Glow	\$15/hour
O2 Plasma Asher South Bay RIE3000	
PDMS Process Tools	
Probe Station PM 5	
Spin Dryer Delta 15	
Sputterer DC Emitech K550	
Wire Bonder TPT HB 100	
Stylus Profilometer DekTak XT	
Staff assistance	\$115/hour
3D Microscope Leica DCM8	
Atomic Force Microscope Bruker Icon	
Atomic Layer Deposition Picosun R200	
E-Beam Thermal Evaporator AJA	
ICP RIE Oxford Plasmalab 100	
*Laser Writer Heidelberg DWL 66+	\$45/hour
Mask Aligner EVG 610	

### Facilities Costs 2020 (internal users)

Maskless Aligner Heidelberg MLA100	
*Rite Track SVG88	
Sputterer DC/RF AJA	
*Wet Benches	
Staff Assistance	\$145/hour
EBL Elionix ELS-F125	
FIB-SEM Zeiss Crossbeam 550XL	
NanoFab Helium Ion Beam Microscope Zeiss	\$60/hour
*i-line Stepper ASML PAS 5500/100	
Staff assistance	\$160/hour
*ANFF supported tools	

### Sydney Microscopy and Microanalysis

Service (Internal Users)		Cost
Up to 8 consecutive hours per session per instrument		\$48/hour
Each consecutive hour over 8 hours per session per instrument		\$12/hour
Specimen preparation and image analysis equipment		\$3/hour
Individual user cap <i>Not included in the cap:</i> \$280 one-off training fee for new users \$200 per hour for technical staff instrument operation 3View Serial Block Face scanning Electron microscope usage		\$1650/calendar year
Service (External Users)		Cost
Registration and training fee per new user		\$280
Publicly funded research organisations		
Instrument per hour (up to 8 hours)*		\$140
Technical staff per hour		\$200
Commercial		
Instrument per hour (up to 8 hours)*		\$350
Technical staff per hour		\$200
*After 8 hours the hourly rate drops to 25% of the listed rate for the remainder of the session		
3View serial block face scanning electron microscope		
User category	Staff assisted sample preparation	Staff assisted set-up and imaging*
Internal users	\$500	\$500
Publicly funded research organisations	\$550 (+GST)	\$900 (+GST)
Commercial	\$550 (+GST)	\$1800 (+GST)
* 1 hour sample set-up included. Extra charges may apply for complex samples and long scans times		

### Facilities Costs 2020 (internal users)

#### Sydney Informatics Hub

Service	Cost
6 month subscription to CLC Genomics Workbench and CLC Server	\$750
12 month subscription to CLC Genomics Workbench and CLC Server	\$1500
Ingenuity Pathways Analysis software	Free for users
Next-generation sequencing analysis	Merit based - Request access at: <a href="https://sydney.edu.au/research/facilities/sydney-informatics-hub/project-support/request.html">https://sydney.edu.au/research/facilities/sydney-informatics-hub/project-support/request.html</a>
Artemis Performance Computing cluster	Free for users – request assistance at: <a href="https://sydney.edu.au/research/facilities/sydney-informatics-hub.html">https://sydney.edu.au/research/facilities/sydney-informatics-hub.html</a>
Argus Research Virtual Desktop	
Research Data Consulting Team	
Data Science and Statistics Consulting Team	Merit based – please contact <a href="mailto:sih.info@sydney.edu.au">sih.info@sydney.edu.au</a>

### Sydney Mass Spectrometry

Category/Instrument	Cost (internal user)	Cost (external academic user)
Registration including training - 2D gel course - Mass Spectrometry	\$300/person \$500/person	\$300/person \$500/person
Bench Fees - IEF Cells & large gel tanks - LC systems - LCMS & MS imaging systems	\$1/hour \$1/hour \$10/hour	\$2/hour \$2/hour \$20/hour
Contract research - sample clean up - deuteration analysis - MALDI QTOF analysis (including peptide mass fingerprinting and intact protein mass) - 1D LCMS (protein identification in simple mixtures or intact protein mass) - Plasma targeted metabolomics - Mass spec imaging (lipids) - Mass spec imaging (peptides) - Quantitative proteomics	\$30/sample \$75/sample \$75/sample \$110/sample \$110/sample \$500/slide \$750/slide \$750/slide	\$45/sample \$75/sample \$110/sample \$165/sample \$75/sample \$750/slide \$1125/slide \$1125/sample
Consumables - ZipTips - ABGene 96 well plates incl seal - Indium Tin Oxide slides - Vials (box of 100) - PCR strips (8 tubes) incl seal	\$250/box \$10 \$15 \$110	\$250/box \$10 \$15 \$110 \$2
<i>Please contact us for a quote for 2D gel analysis, metabolomics and other services</i>		

### Facilities Costs 2020 (internal users)

#### Sydney Imaging

Preclinical	
Service	Cost
3T MRI	\$150/hour + \$300/person induction training (2 hours), any additional training will incur a \$50/hour technical assistance fee
7T MRI	\$150/hour + \$300/person induction training (2 hours), any additional training will incur a \$50/hour technical assistance fee
IVIS Spectrum	\$50/hour + \$100/person induction training (2 hours), any additional training will incur a \$50/hour technical assistance fee
VisualSonics Ultrasound (Vevo2100 + VevoLAZR, Vevo3100)	\$50/hour + \$100/person induction training (2 hours), any additional training will incur a \$50/hour technical assistance fee
microCT	\$50/hour + \$100/person induction training (2 hours), any additional training will incur a \$50/hour technical assistance fee
echoMRI	\$20/hour + \$20/person induction training (1 hour), any additional training will incur a \$50/hour technical assistance fee
PET MR	\$150/hour plus tracer consumables + \$300/person induction training (2 hours), any additional training will incur a \$50/hour technical assistance fee
Dual-Energy X-ray Absorptiometry (DXA)	\$40/hour + \$20/person induction training (1 hour), any additional training will incur a \$50/hour technical assistance fee
Computer Analysis Computer/VRD	\$2/hour
<b>Note:</b> all prices are charged in 30 minute blocks	

#### Hybrid Theatre

Please contact us for a bespoke quote for Hybrid Theatre projects.

## Facilities Costs 2020 (internal users)

<b>Sydney Cytometry</b>			
<b>Instrument</b>	<b>Cost/hour (unassisted)</b>	<b>Cost/hour (operator assisted)</b>	<b>Notes</b>
Cell sorter: basic (2 lasers)	\$36	\$80	<i>FACSJazz</i>
Cell sorted: advanced	\$54	\$95	<i>FACSAria II, Influx, FACSMelody</i>
Sort set up	\$48		<i>"flag-fall" each session</i>
Cytometers: basic (<4 lasers)	\$36	\$80	<i>FACSCantoll, FACSVerse, Aurora (3 laser)</i>
Cytometers: advanced (>4 lasers)	\$54	\$95	<i>LSRFortressa, LSRFortressa X-20, LSR II 5L, LSR X, Aurora (5 laser)</i>
Image Cytometer: plates	\$35	\$80	<i>PE Opera Phenix. Rebates apply after first 6 hours of continuous use</i>
Image Cytometer: ImageStream	\$50	\$95	<i>Imagestream XmkII</i>
Mass Cytometer - Suspension	\$60	\$100	
Mass Cytometer - Imaging	\$60	\$100	
Additional operator assistance		\$50	
AutoMACS Pro	\$30	\$80	
Analysis Computers	\$4	\$54	
Group Training (per person, per hour)		\$30	
Individual training		\$50	
<i>Software maintenance fees (including FlowJo, Imaris, Volocity) will be charged on a usage basis</i>			
<i>Used vs booked time reconciliation will be applied to all instruments (ie user will be charged the longer of the two (unless someone else uses some of the time))</i>			
<i>A charge of 50% of usage rate will be applied to late cancellation of bookings (where the slot has not been used by someone else). Cut off time will be set at 12 hours</i>			
<i>External Academic rates = 2x Base Internal Rate</i>			
<i>External Commercial Rate = 3x Base Internal Rate</i>			