

Please note:

- The normal mode of access to RPF tools is: receive training from our staff, get certified on a tool, then use the tool unassisted, not incurring charges for our staff time
- Currently only a subset of RPF tools are ANFF supported and fully available at ANFF subsidised rates to non-University of Sydney users
- Most non-ANFF supported tools are available at ANFF subsidised rates to non-University of Sydney users 20% of the time
- Precious metals and some other consumables are charged at cost to users

Access fees *per hour* – unassisted use of tools

User type	Equipment Group		
	1	2	3
USyd / ANFF ¹	\$15	\$45	\$60
Aus University non-ANFF tools	\$30	\$90	\$120
Aus Publicly Funded Research Agency	\$45	\$135	\$180
Industry / Overseas	\$60	\$180	\$240

Access Fees *per hour* – staff assisted use of tools²

User type	Equipment Group			Training
	1	2	3	
USyd / ANFF ¹	\$115	\$145	\$160	\$50
Aus University non-ANFF tools	\$130	\$190	\$220	\$100
Aus Publicly Funded Research Agency	\$195	\$285	\$330	\$150
Industry / Overseas	\$260	\$380	\$440	\$200

¹Hourly rate applies to both USyd users and other Aus university academics on ANFF supported tools

²Includes work done on behalf of the user, user assistance and training (certification is not charged)

Tool Groups

Equipment Group 1 Coater Brewer Science CB-200 Dicing Saw ADT *Die Bonder Fine Tech Lambda Dry Film Laminator Fortex FL-0305-01 Ellipsometer JA Woollam M2000 *Fibre Draw Tower Lamp Annealer ULVAC MILA 5000 Microscope Nikon Eclipse LV100ND O2 Plasma Asher Glow O2 Plasma Asher South Bay RIE3000 PDMS Process Tools Probe Station Suss PM 5 Spin Dryer Delta 15 Sputter Coater DC Emitech K550 Stylus Profilometer DekTak XT Wire Bonder TPT HB 100	Equipment Group 2 3D Microscope Leica DCM8 Atomic Force Microscope Bruker Icon Atomic Layer Deposition Picosun R200 E-Beam Thermal Evaporator AJA ATC-1800-E ICP RIE Oxford Plasmalab 100 *Laser Writer Heidelberg DWL 66+ Mask Aligner EVG 610 Maskless Aligner Heidelberg MLA100 *Rite Track SVG88 Sputterer AJA ATC-2000-UHV *Wet Benches	Equipment Group 3 EBL Elionix ELS-F125 NanoFab Helium Ion Beam Zeiss *i-line Stepper ASML PAS 5500/100 Not available at ANFF subsidised rates: FIB-SEM Zeiss Crossbeam 550XL
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Prices and tool categories are subject to change without notice

*ANFF supported tools

2020 Photomask Pricing

University of Sydney & ANFF Academic rate

Mask blank	Size	Resolution	Standard write area	Price
Soda lime	4" by 0.06"	Standard	75mm by 75mm	\$ 315.00
Soda lime	5" by 0.09"	Standard	100mm by 100mm	\$ 381.00
Soda lime	6" by 0.09"	Standard	125mm by 125mm	\$ 480.00
Soda lime	7" by 0.12"	Standard	150mm by 150mm	\$ 772.00
Quartz	5" by 0.09"	Standard	100mm by 100mm	\$581.00

Non-Academic rate

Mask blank	Size	Resolution	Standard write area	Price
Soda lime	4" by 0.06"	Standard	75mm by 75mm	\$ 476.00
Soda lime	5" by 0.09"	Standard	100mm by 100mm	\$ 575.00
Soda lime	6" by 0.09"	Standard	125mm by 125mm	\$ 716.00
Soda lime	7" by 0.12"	Standard	150mm by 150mm	\$ 1,009.00
Quartz	5" by 0.09"	Standard	100mm by 100mm	\$ 775.00

- Quoted prices do not include GST, delivery and handling costs
- Low reflective chrome is the default chrome type
- All prices are based on standard lead time of 10 working days; additional labour charges apply for faster turnaround
- Quoted quartz is standard low reflective chrome; quartz is available in other sizes and with high reflective chrome where applicable – please contact us for details and pricing
- High- and ultra-high resolution is available for critical dimension below 2µm – please contact us for details and pricing
- All designs must meet our design guidelines to qualify for standard pricing – additional design charges based on staff labour rates may be incurred if this is not the case
- Prices are subject to change