

## Sydney Manufacturing Hub – Rates 2023

Please contact [smh.info@sydney.edu.au](mailto:smh.info@sydney.edu.au) to discuss your project

Instrument	Cost (Internal Users)
<b>GROUP 1 EQUIPMENT</b>	
Furnaces	\$10/hour
Salt baths	
Oil baths	
Extruders (Polymers lab)	
Vickers Hardness Tester	
WASP paste printer	
Pre & Post Fabrication Equipment	
High End Desktop machines	
Powder Characterisation Equipment – PowderFlow (CarneyFlow), GranuDrum	
Grinder (specimen preparation)	
3D Polymer Printers – AON M2+, Intamsys Funmat HT, Formlabs 3B, Phrozen Mega 8K, Phrozen Mini 8K, BMF S240, 3D Platform Large Format, Prusa	
<b>GROUP 2 EQUIPMENT</b>	
3D Metal Printers- Mlab, M2, A2X & SpectraH	\$40/hour
3D Ceramic Printer – CeraFab 7500	
<i>*The base rate for heat treatment of ceramic parts will be capped at \$200</i>	
Nanoindentation System	
Induction Casting Unit	
3D Confocal Microscope	
Arc Melter	
EDM	
<b>Additional cost</b>	
Technical Staff Assistance	\$100/hour
Consumables – Metal powders, ceramic slurry, polymer resins and filaments will be charged to the researcher per weight/volume used	Quotation Required- Contact Facility
<b>TRAINING</b>	
Training fee for Equipment	\$50 per session (from 2-6 sessions depending upon equipment)



<b>USER CAPS</b>	
<b>Individual user cap (applicable for internal staff only)</b> <i>Not included in the cap: Staff time, Consumables &amp; Training</i>	\$1700/calendar year
<b>External Academic rates:</b>  2x Base Internal Rate for Equipment \$100 an hour for staff time Consumables at cost \$50 per session Training fee (from 2-6 sessions depending upon equipment)	
<b>External Commercial Rate:</b>  3 x Base Internal rate for equipment ( <i>This is valid for all equipment except for the 3D Ceramic Printer – CeraFab7500 for which the commercial rate is \$350/hour</i> ) \$200 an hour for staff time Consumables at cost Training Fees- contact facility for quotation	