

COLUMBIA NANO INITIATIVE (CNI)

CNI Shared Facility Price List

Rates effective: Dec 1st, 2016. All prices are in USD. Please check our website for updates.

- Prices are for internal users. External Academia will be charged additional administrative fee of 20%. Industrial users' rates are X3.
- Internal users will be capped for \$1,500 per month per user in the clean room and Nanobeam.

Machine	Hourly rate [\$]	Max time [hours]	Min time charged [hours]	Staff rate [\$]	Set-up charge [\$]
Acid Hood	0	0	0	33.33	
UVOCs UV Ozone Cleaner	0	0	0	33.33	
Agilent 8453 UV-vis. spectrophotometer	15	12	0.5	33.33	
Woollam Alpha-SE ellipsometer	15	8	0.5	33.33	
Bal-Tec Critical Point Dryer	15	6	0.5	33.33	
Beamer	15	6	1	33.33	
Malvern Nano-ZS zeta potential analyzer	20	10	0.5	33.33	
TA Instruments Q500 TGA	15	10	0.5	33.33	
Edwards Thermal Evaporator 1	15	3	2	33.33	
Parylene Coater	15	4	1.5	33.33	
Laurell spinner 1	15	2	0.5	33.33	5
GPC	20	5	0.5	33.33	
Renishaw inVia Raman microscope	15	10	0.5	33.33	
Dektak Profilometer	15	2	0.5	33.33	
Diamond Saw	20	4	0.5	33.33	
Dimple Grinder	20	4	0.5	33.33	
Grinder-Polisher	20	4	0.5	33.33	
Light Zeiss Microscope	20	4	0.5	33.33	
PANalytical XPert3 Powder XRD	20	12	0.5	33.33	
PIPS II	20	4	0.5	33.33	
Plasma Cleaner	20	4	0.5	33.33	
Westbond Aluminum Wire Bonder	20	3	0.5	33.33	
Wyko NT9100 Optical Profiler	20	3	0.5	33.33	
Heidelberg (1 um) Laser Writer	25	4	1	33.33	
Heidelberg (3 um) Laser Writer	25	4	1	33.33	
Zigma Zeiss SEM	20	4	1	33.33	
Disco Dicing Saw	20	8	0.5	33.33	

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Suss MA6 Mask Aligner	25	2	0.5	33.33	
Westbond Gold Wire Bonder	25	3	0.5	33.33	
Cressington Sputter Coater	25	3	0.5	33.33	
Diener Plasma Etch	30	2	1	33.33	
Agilent SuperNova SCXRD	30	10	0.5	33.33	
Angstrom Metals Deposition System	30	5	1	33.33	35
Cambridge NanoTech ALD	30	3.5	1.5	33.33	
Cryogenic R-700X SQUID Magnetometer	30	6	0.5	33.33	
Phi XPS	30	12	1	33.33	
Signaton transfer station	15	5	0.5	33.33	
NanoMagnetics ezAFM	15	5	0.5	33.33	
Horiba micro-Raman	15	5	0.5	33.33	
Oxford ICP RIE	35	3.5	1	33.33	
Bruker Dimension FastScan AFM	35	10	0.5	33.33	5
Nanobeam	50	10	1	33.33	
Oxford PECVD	45	4	1	33.33	
FEI Talos F200X S-TEM	75	4	1	33.33	
Bio TEM Sample preparation	20	12	0.5	33.33	