

MIT.nano

FAB.NANO EQUIPMENT RATES

EFFECTIVE AUGUST 2025*

TOOL	MIT & OTHER ACADEMIC USERS
DEPOSITION	
ALD-AllPurpose	\$35/run + \$20/hr
ALD-Ozone	\$35/run + \$20/hr
ALD-Plasma-Arradiance-XTDP	\$50/run + \$20/hr
ALD-Plasma-Arradiance-Nitrides	\$50/run + \$20/hr
Dimatix2837_Printer	\$50/hr + materials
EBeam-AJA	\$140/run + \$45/hr after 4 hrs + materials
EBeam-EVO	\$140/run + \$45/hr + materials
EBeam-Temescal-FC2800	\$140/run + \$45/hr after 2 hrs + materials
EBeam-Temescal-LL	\$140/run + \$45/hr after 2 hrs + materials
PECVD-2Chamber-AMAT-Centura	\$120/run + \$50/hr
PECVD-Oxford-TEOS	\$60/run + \$50/hr
PECVD-Samco-PD220	\$60/run + \$50/hr
PECVD-STIS-MMPLEX	\$60/run + \$50/hr
Sputter-4Chamber-AMAT-Endura	\$85/wafer
Sputter-AJA-ChamberLoad	\$140/run + \$45/hr after 4 hrs + materials
Sputter-AJA-LL	\$140/run + \$45/hr after 4 hrs + materials
Sputter-Balzer	\$68/hr + materials
Sputter-Balzer-Au	\$68/hr + materials
ThermalEvap-Parylene	\$100/run + \$20/hr
DIFFUSION	
Anneal-Box	\$42.5/run + \$12.8/hr
Anneal-Tube	\$59.5/run + \$21.3/hr
Ox-Tube-Lindberg	\$59.5/run + \$21.3/hr
RTA-1100C-ASMicro	\$34/wafer
RTA-1100C-ASOne150	\$34/wafer
RTA-1300C-ASOne150	\$34/wafer
RTA-1300C-ASOne150-5Gas	\$34/wafer
Tube-OxAnneal-Expertech-CTR200	\$212.5/run + materials

For additional information, including external rates, visit nanousers.mit.edu/fabnano

Vacuum-Oven	\$59.5/run + \$21.3/hr
DRY ETCH	
DRIE-SPTS-Pegasus	\$60/run + \$35/hr
DRIE-STs-MMPLEX	\$60/run + \$35/hr
RIE-2Chamber-AMAT-P5000	\$59.5/wafer + materials
RIE-Cl ₂ -SAMCO-200iP	\$60/run + \$35/hr
RIE-Diamond-SAMCO-200iP	\$60/run + \$35/hr
RIE-F-Samco-230iP	\$60/run + \$35/hr
RIE-Mixed-Samco-230iP	\$60/run + \$35/hr
RIE-PlasmaTherm-210RL-A	\$60/run + \$35/hr
RIE-PlasmaTherm-210RL-B	\$60/run + \$35/hr
VaporEtch-XeF ₂	\$170/run
METROLOGY	
AFM-Asylum-JupiterXR	\$76.5/hr
AFM-Veeco	\$76.5/hr
AIR_Solar_Sim	\$44.2/hr
Cleave-LatticeAx	\$42.5/run + \$0.9/um
Dektak-150	\$17/hr
Dektak-XT	\$17/hr
EiIipsometer-Analysis-PC	\$5/hr
Ellipsometer-Semilab-SE2000	\$20/run + \$30/hr
Filmetrics-F50	\$17/hr
Filmetrics-F20-Lower	\$8.5/hr
Filmstress-Tencor-FLX2320	\$42.5/hr
Fluidic-Test	\$42.5/hr
Microscope-Inspect-4k	\$25.5/hr
Microscope-Inspect-HD	\$17/hr
ProbeStation-Summit-11000	\$30/run + \$24/hr
Scribe-Backside	\$25.5/run
Scribe-Frontside	\$25.5/run
SEM-Hitachi-Regulus8100	\$76.5/hr
SEM-Zeiss-Sigma300	\$76.5/hr
Tencor-P10	\$42.5/hr
Veeco-Wyko-NT9800	\$42.5/hr
NANOMAT	
4_Point_Probe	\$44.2/hr
AIR_BladeCoater	\$44.2/hr
AIR_FOM	\$44.2/hr
Cary_UV-Vis_Spec	\$44.2/hr
Fluorescence_Spec	\$100.3/run + \$10.2/hr

GB_Metals_Evaporator	\$140/run + \$30/hr + materials
GB_Organics_Evaporator	\$140/run + \$30/hr + materials
GB_Solar_Sim	\$44.2/hr
GB_Spincoater	\$20/run + \$40/hr
PACKAGING	
Clean-Ar-Plasma	\$59.5/hr
DieBonder-PickAndPlace	\$59.5/hr
Diesaw-DAD3240	\$50/run + \$30/hr
Freezer-Packaging	\$59.5/hr
Microscope-QuickVision	\$59.5/hr
Oven-EnvironmentalTest-ESPEC	\$297.5/run + \$2.6/hr
Oven-Reflow	\$59.5/hr
Solder-Station	\$25.5/hr
Vacuum-Sealer	\$8.5/run
Wirebond-Auto	\$59.5/hr
Wirebond-Ball-MEI	\$59.5/hr
Wirebond-Ball-Westbond	\$59.5/hr
Wirebond-Wedge	\$59.5/hr
XRay-Inspection	\$59.5/hr
PHOTOLITHOGRAPHY	
Asher-Barrel-Thierry	\$17/run
Asher-Chuck-ESI	\$17/run
Asher-SoftLitho	\$17/run
Asher-TergeoPlus-Remote	\$17/run
Asher-TergeoPro-Strip	\$17/run
Asher-TergeoPro-Clean	\$17/run
Beamer	\$20/hr
CoatDevelop-picoTrack	\$10/run + \$10/wafer + \$30/hour after 1 hour
Coldplate-Solvent	\$30/run + \$10/hr after 3 hours
CPD-Toussimis-931	\$51/run
Develop-Brewer-200CBX	\$17/wafer
Develop-L08	\$30/run + \$10/hr after 1 hr
Develop-U10	\$30/run + \$10/hr after 1 hr
Develop-U12	\$30/run + \$10/hr after 1 hr
DirectWrite-MLA150-AirAF	\$45/run + \$50/hr
DirectWrite-MLA150-OptAF	\$45/run + \$50/hr
DirectWrite-NanoFrazor	\$59.5/run + \$34/hr
DirectWrite-Nanoscribe-GT2	\$85/run + \$34/hr
DirectWrite-Raith-PicoMaster	\$45/run + \$50/hr
EBL-Elionix-HS50	\$93.5/hr

EBL-Spinner-Hood-U06	\$30/run + \$10/hr after 1 hr
Elionix	\$93.5/hr
General-Spinner-Hood-L10	\$30/run + \$10/hr after 1 hr
General-Spinner-Hood-U12	\$30/run + \$10/hr after 1 hr
HMDS-Yes-U10	\$10/run + \$10/hr after 1 hr
Hotplate-Tower-U10	\$17/run
Hotplate-Tower-U12	\$17/run
Interference-LloydsMirror	\$119/hr
Liftoff-L08	\$30/run + \$10/hr after 1 hr
Liftoff-L10	\$30/run + \$10/hr after 1 hr
MaskAlign-EV620	\$59.5/run + \$42.5/hr
MaskAlign-MA6	\$59.5/run + \$42.5/hr
MaskAlign-SoftLitho-EV620	\$59.5/run + \$42.5/hr
Oven-PostBake-U10	\$17/run
Oven-PostBake-U12	\$17/run
Oven-PreBake-U10	\$17/run
Oven-PreBake-U12	\$17/run
Polymer-Spinner-Hood-U04	\$30/run + \$10/hr after 1 hr
Resist-Spinner-Hood-U10	\$30/run + \$10/hr after 1 hr
Spinner-EBL	\$10/run + \$10/wafer + \$30/hr after 1 hr
Spinner-PMGI-U12	\$10/run + \$10/wafer + \$30/hr after 1 hr
Spinner-Polymer	\$10/run + \$10/wafer + \$30/hr after 1 hr
Spinner-Resist-Dispense-U10	\$10/run + \$10/wafer + \$30/hr after 1 hr
Spinner-Resist-L10	\$10/run + \$10/wafer + \$30/hr after 1 hr
Spinner-Resist-U12	\$10/run + \$10/wafer + \$30/hr after 1 hr
UpNano_3D_Printer	\$75/hr (after 4 hours drops to \$34/hr)
WaferBonder-EV501	\$51/wafer
WaferBonderAlign-EV620	\$51/wafer
SOFT LITHO	
Microscope-Inspect-SU8	\$17/hr
Microscope-Stereo-SU8	\$8.5/hr
Mixer-PDMS-Degas	\$17/run
Oven-PDMS	\$8.5/run
PDMS-Prep	\$30/run + \$10/hr after 1 hr
SoftLitho-Develop	\$30/run + \$10/hr after 1 hr
SoftLitho-Prep	\$30/run + \$10/hr after 1 hr
Spinner-SU8	\$20/run + \$20/wafer + \$50/hr after 1 hr
SU8-Spinner-Hood	\$30/run + \$10/hr after 1 hr
WET ETCH & CLEAN	
Acid-Etch-General-L06	\$60/run + \$40/hr after 1 hr

Acid-Etch-General-U10	\$60/run + \$40/hr after 1 hr
Acid-Extended-U07	\$140/run + \$10/hr after 1 hr
Acid-PostCMP-U07	\$140/run + \$10/hr after 1 hr
Acid-PreClean-L06	\$60/run + \$40/hr after 1 hr
Acid-PreClean-U06	\$60/run + \$40/hr after 1 hr
Acid-SmallTanks-U10	\$60/run + \$40/hr after 1 hr
CMP-GnP	\$59.5/wafer
NitrideEtch-Phos-L06	\$60/run + \$40/hr after 1 hr
Ops-ParticleCounter	\$0/run
OxideEtch-HF-BOE-L06	\$60/run + \$40/hr after 1 hr
Plating-U04	\$212.5/full tank
RCA-Diffusion-L02	\$60/run + \$40/hr after 1 hr
SiliconEtch-KOH-TMAH-L06	\$60/run + \$40/hr after 1 hr
Solvent-Clean-Packaging	\$30/run + \$10/hr after 1 hr
Solvent-Clean-U06	\$30/run + \$10/hr after 1 hr
Solvent-L06	\$30/run + \$10/hr after 1 hr
SRD-L06	\$17/run
SRD-U10	\$17/run

*Please note that rates are subject to change.