

# Polifab Pricing List

rev. January 2024

Description	External 2024	Unit
Clean Room Access	200	per people per day <sup>(1)</sup>
Process Specialist	100	per hour
Technician	75	per hour
Safety Course	200	per people
<b>Photolithography Area</b>		
SEM LEO 1525 as SEM+EDX	50	per hour
SEM LEO 1525 as EBL	75	per hour
Laser writer Heidelberg DWL66+	75	per hour #
Laser writer Heidelberg MLA100	50	per hour
Mask aligner SUSS MA8	50	per hour
Nanofrazor Explore	50	per hour
Spin coater Karl Suss RC8	10	per hour
Spin coater + hot plate + HMDS Sawatec SM200/HP200 DUO	25	per hour
Developer module Sawatec SMD-200	25	per hour
Spin coater Sawatec SM-150	25	per hour
Plasma asher PVA Tepla 300 AL	25	per hour
Optical microscopes	free	per hour
Resist Development Wet Bench + Rinser Dryer	25	per hour
Solvents wet bench SPM	25	per hour
Bases wet bench SPM	25	per hour
Hot Plate Sawatech HP401	free	per hour
UV Exposure box	free	per hour
Rinser dryer Semitool	free	per hour
Photolithography (Mask aligner + full resist cycle)	130	per hour
<b>Wet Area</b>		
Wet Bench multiwafer SPM + Rinser Dryer	25	per hour
Wet Bench single SPM + Rinser Dryer	25	per hour
Wet Bench Lift off + ultrasonic bath	25	per hour
Wet bench multiwafers cleaning SPM	25	per hour
Wet bench electrodeposition SPM	25	per hour
<b>Deposition and Plasma Etching Area</b>		
E-beam evaporator Unaxis BAK640	75	per hour
Sputtering Clusterline 200E Evatec	100	per hour
Plasma asher - PVA Tepla 300 Semiauto	25	per hour
Rinser dryer Verateq	free	per hour
PECVD STS Multiplex	75	per hour **
Kenosistec as magnetron sputtering	50	per hour **
Kenosistec as ion beam etching	75	per hour
AJA confocal magnetron sputtering	75	per hour *
RIE-ICP Plasmalab 100 Oxford	75	per hour
Manual Sputtering Leybold LH Z400	50	per hour *
Electrodeposition bench 4" Yamamoto	25	per hour
Ceraprinter F-Serie Ceradrop	75	per hour *
LASSE UHV cluster	75	per hour **
HF Vapor etcher Idonus VPE 100	50	per hour
Thermal Evaporator Moorfield Minilab 80	75	per hour
<b>Thermal treatments</b>		
Heraeus drying oven	15	per hour
Heraeus curing oven	15	per hour
Carbolite tube furnace	30	per hour
Nabertherm muffle furnace	30	per hour
Rapid thermal annealer RTP 150 HV Unitemp	50	per hour
<b>Characterization and Metrology Area</b>		
Spectroscopic ellipsometer Wollam	30	per hour
XRD Smartlab XE Rigaku	75	per hour
Vacuum probe station PS-L ARS	50	per hour
Optical Microscopes	free	per hour
Prism Coupler Metricon	25	per hour
AFM Agilent 5600	50	per hour
Stylus Profilometer P17	25	per hour
Optical profilometer Profilom 3D Filmetrics	25	per hour
Thin film mapping F54-XY-200-UVX Filmetrics	25	per hour
XPS in LASSE	50	per hour ** #
<b>Back End</b>		
Probe Station Suss PM5	25	per hour
Probe Head Jandel RM3	15	per hour
Dicing saw Disco 341	50	per hour #
Spin coater Polos Spin150	15	per hour
PDMS Wet Bench	25	per hour
Plasma asher - PVA Tepla 200	25	per hour
Acid Wet Bench	25	per hour
Wire ball bonder K&S	30	per hour #
Anatech Metallizator	25	per hour
<b>Workshop Area</b>		
Workshop Service	50	per hour #
Areal Rent	180	€/mq/month

<sup>(1)</sup> 8h access. Up to 1500 Euro per month

\* minimum reservation time 2h

\*\* minimum reservation time 4h

# staff personal mandatory

Noble materials and substrates not included