

CORE FACILITIES

RATES 2020



MICROFAB SPACE (CLEAN ROOM)

Ref. SAP	EQUIPMENT	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
001-PTN	Oven	h	4.44	5.55
002-PTN	Plasma Cleaner	Process	7.76	9.70
003-PTN	Optical Microscope Olympus	h	11.20	14.00
066-PTN	Optical Microscope Nikon	h	6.40	8.00
053-PTN	Stereo Microscope Olympus	h	9.84	12.30
004-PTN	Interferometric Microscope	h	26.32	32.90
005-PTN	Profilometer	h	26.64	33.30
006-PTN	Spin-Coater	h	21.52	26.90
009-PTN	Mask Aligner	h	24.00	30.00
047-PTN	Contact Angle	h	34.40	43.00
010-PTN	Chemical Bath	h	44.24	55.30
054-PTN	3D Printer SOLUS*	h	16.52	20.65

*Materials and accessories to use the system not included.

Ref. SAP	PHOTOLITHOGRAPHY SERVICES	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
012-PTN	Photolithography Auto-service with materials Includes: Mask-Aligner, Spin-Coater and Chemical Bath	h	67.92	84.90
055-PTN	Photolithography Auto-service without materials Includes: Mask-Aligner, Spin-Coater and Chemical Bath	h	41.20	51.50
011-PTN	Photolithography Service with materials	h	103.20	129.00
063-PTN	Photolithography Service without materials	h	60.40	75.50

Ref. SAP	DIRECT WRITE LITHOGRAPHY (DWL) SERVICES	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
028-PTN	Direct write lithography: molds	Unt.	147.24	184.05
029-PTN	5" Photomask fabrication	Unt.	480.00	600.00

Ref. SAP	E-BEAM LITHOGRAPHY (EBL) SERVICES	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
020-PTN	Sample preparation	h	122.70	153.50
021-PTN	E-beam lithography	h	63.81	79.76

Ref. SAP	THERMAL AND E-BEAM EVAPORATOR SERVICES	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
013-PTN	Thermal Evaporator	Process	118.80	148.50
014-PTN	E-beam Evaporator	Process	118.80	148.50
015-PTN	Sputtering	Process	118.80	148.50
016-PTN	Additional layer	Process	27.12	33.90
064-PTN	Thermal and E-beam Evaporator auto-service*	h	28.00	35.00
	Associated Consumables:			
032-PTN	Sputtering gold	nm	1.54	1.54
033-PTN	Thermal gold	nm	3.52	3.52
056-PTN	Al ₂ O ₃	nm	0.43	0.43
057-PTN	SiO ₂	nm	0.43	0.43
058-PTN	Cr	nm	0.43	0.43
059-PTN	Ti	nm	0.43	0.43
035-PTN	Al	nm	0.64	0.64
065-PTN	ITO	nm	0.43	0.43

*Specific evaluation required.

Ref. SAP	OTHER SERVICES	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
043-PTN	Silanization	Process	20.00	25.00

Ref. SAP	CONSUMABLES*	UNIT	PRICE (€)
WSF40525250P1314SNN2-INF	4" silicon wafer, CZ Si, N-type (Phosphorous), 525um thick, 111-oriented, 1-10Ωcm	Unt.	21.74
	4" silicon wafer with 20 nm SiO ₂ , N-type (Phosphorous), 500-550um thick, 100-oriented <0.1Ωcm	Unt.	78.37
Si-Wafer-INF	4" silicon wafer, CZ Si, N-type (Phosphorous), 4", 525um thick, 100-oriented, 1-10Ωcm	Unt.	14.16
Wafer-INF	4" Soda Lime Glass wafer, 550um thick. NO orientation Flat, wafers are completely round	Unt.	15.00
MASK CR5-INF	5" Photomask	Unt.	42.00
E-H60-50-0615-INF	Plastic box for 5" Cr mask	Unt.	12.00
042-PTN	PDMS polymer	10 gr.	5.25

*Prices that may vary depending on the purchase price.

MICROSCOPY CHARACTERIZATION

Ref. SAP	ULTRA-HIGH-RESOLUTION FIELD EMISSION SCANNING ELECTRON MICROSCOPE (SEM)	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
022-PTN	With technician	h	122.80	153.50
	Gold coating for SEM Samples:			
017-PTN	- Sputtering	process	28.56	35.70
032-PTN	- Sputtering gold	nm	1.54	1.54
030-PTN	- Technician	process	52.00	65.00

Ref. SAP	CONFOCAL MICROSCOPY	UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
061-PTN	Service	h	28.00	35.00
030-PTN	Specialist technician	h	52.00	65.00

TECHNICIANS

Ref. SAP		UNIT	PUBLIC INSTITUTIONS PRICE (€)	PRIVATE INSTITUTIONS PRICE (€)
030-PTN	Specialist technician	h	52.00	65.00
031-PTN	Superior technician	h	76.80	96.00

VAT not included.

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