

INTERNAL RATES 2021

The fees for the equipment use are shown in the following table.

Please, note that for any direct activity of the technician not included in the service of the equipment, **the personnel fee is 25,38 €/hour.**

Besides, certain consumables may be separately invoiced based on the method of valuing inventory determined by the institute

SERVICE / EQUIPMENT	INSTRUMENT + PERSONNEL FEE (EUR € / HOUR)	INSTRUMENT FEE (EUR € / HOUR)
Electron Microscopy		
SEM (FEI Quanta)	43,12 €	17,74 €
TEM (FEI Tecnai)	73,77 €	48,39 €
XHRSEM (FEI Magellan)	52,00 €	26,62 €
Electron Microscopy Sample Preparation		
Diamond Wire Saw (Well 3242)	32,16 €	6,78 €
Ionic Polishing (Gatan 691)	27,12 €	1,74 €
Mechanical Polishing (Allied Multiprep)	31,00 €	5,62 €
Sputtering Deposition (Leica ACE 600) Au	34,46 €	9,08 €
Sputtering Deposition (Leica ACE 600) C	34,46 €	9,08 €
Sputtering Deposition (Leica ACE 600) Pt	34,46 €	9,08 €
Molecular Spectrometry		
FTIR (Bruker PMA 50)	30,21 €	4,83 €
FTIR (Bruker Tensor 27)	30,41 €	5,03 €
FTIR (Bruker Vertex 80)	32,45 €	7,07 €
FTIR Microscopy (Bruker Hyperion 2000)	35,33 €	9,95 €
UV/Vis (Agilent Cary4000)	30,81 €	5,43 €
UV/Vis (PerkinElmer Lambda 25)	31,43 €	6,05 €

SERVICE / EQUIPMENT	INSTRUMENT + PERSONNEL FEE (EUR € / HOUR)	INSTRUMENT FEE (EUR € / HOUR)
Nanofabrication Facility		
Clean Room Usage	28,20 €	2,82 €
3D Optical Profiler (Filmetrics Profilim 3D)	30,10 €	4,72 €
E-beam Evaporation (AJA Orion)	30,35 €	4,97 €
Electron Beam Lithography (Raith Elphy Quantum FEI Inspect F50 based)	34,29 €	8,91 €
Plasma Cleaner (Tepla PS210)	33,00 €	7,62 €
Stylus Profilometer (KLA Tencor AlphaStep D500)	34,74 €	9,36 €
Wedge Wire Bonder (West Bond 7476E)	39,75 €	14,37 €
ICP - RIE (Oxford PlasmaPro Cobra 100)	29,46 €	4,08 €
Laser UV writer (Kloé Dilase 250)	27,90 €	2,52 €
Mask Aligner UV (Kloé KUB 3)	31,10 €	5,72 €
Spinner	25,38 €	0,00 €
Nano-Materials Growth		
Pulsed Laser Deposition Workstation (Surface systems + technology)	31,88 €	6,50 €
Optical Microscopy		
Light Microscopy (Zeiss Axio Observer Z1)	31,96 €	6,58 €
Photoelectron Spectroscopy (XPS & ARUPS)		
XPS/UPS System (Specs Phoibos 150)	32,43 €	7,05 €
Physico-Chemical Analysis		
Contact Angle Measuring (Kruss EasyDrop)	29,84 €	4,46 €
DLS Particle and Zeta Potential Analyser (Malvern Zetasizer Nano ZS)	32,58 €	7,20 €
Differential Calorimetric Analysis (DSC800)	25,38 €	0,00 €

SERVICE / EQUIPMENT	INSTRUMENT + PERSONNEL FEE (EUR € / HOUR)	INSTRUMENT FEE (EUR € / HOUR)
Scanning Probe Microscopy		
Atomic Force Microscopy (PicoScan 2500)	25,38 €	0,00 €
X-Ray Diffraction		
Diffractionmeter (Panalytical X'PERT PRO MPD)	29,05 €	3,67 €
Diffractionmeter (Panalytical X'PERT PRO MRD)	27,91 €	2,53 €
Mechanical Workshop Facility		
Machining Service	0,00 €	0,00 €
Biolab Facility		
Biolab - Lab use	27,88 €	2,50 €

* The rates could vary depending on the new particular guidelines established by any competitive project.