

أسعار الخدمات التي يقدمها معهد النانوتكنولوجي¹

قرر مجلس العمداء اعتماد أسعار الفحوصات على الأجهزة الموجودة في معهد النانوتكنولوجي اعتباراً من تاريخ صدور هذا القرار

Device Name	Analysis Type	Single Sample cost(JD)	Notes	رقم قرار مجلس العمداء
Electron beam lithography	Nanostructures fabrication	120/sample	The researcher should provide the design	2019/4
Atomic Force Microscopy (AFM)	Contact Mode	70/sample		2019/4
Drop shape analyzer	Contact angle measurements	20/sample		2019/4
LED solar Simulator	Solar Cells illumination (0-1 sun)	10/sample	The researcher need to bring the cell ready for measurement	2019/4
High power solar simulator	Solar Cells illumination (1 - 12 suns)	10/sample	The researcher need to bring the cell ready for measurement	2019/4
Parameter analyzer	I-V characteristics for electronics and biosensors	15/sample	The researcher need to bring the device ready for measurement	2019/4
Ellipsometry	Thin films thickness, reflection and optical properties	50/ sample		2019/4
Nanomechanical Test System	Nano indentation	100/sample		2019/4
FT-IR Vacuum system (Vertex 80v) MIR		30/sample		2019/4
Vacuum system (Vertex 80v) /FIR		30/sample		2019/4
FT-IR Vacuum system (Vertex 80v) /NIR		30/sample		2019/4
FT-IR Vacuum system (Vertex 80v)/UV-Vis		30/sample		2019/4
FTIR Microscope	IR spectra	30/sample		2019/4
Optical 3D profiler	Surface roughness and 3D profiling	10/sample		2019/4
Langmuir deposition system	Nanomaterials monolayer deposition	15/sample	The researcher need to provide the deposition materials	2019/4
SU-8 Lithography system	Photolithography and fabrication	20/sample	The researcher need to provide the mask and substructure	2019/4
Stereo Microscope	Imaging	10/sample		2019/4
Optical tweezer	Micro and Nano manipulation	50/sample		2019/4

¹ قرار مجلس العمداء رقم 2019/4، بتاريخ 2019/1/28م.

Tabular furnace	Annealing under vacuum, N ₂ , or Ar environment	20/sample	Max Processes time per set 2 hours	2019/4
Glove Box	Nanomaterials Synthesis in N ₂ environment	25/ sample	Max Processes time per set 2 hours	2019/4
DIC/ Microscope	Imaging	10/sample		2019/4
STEM	Transmission microscopy	90/sample		2019/4
SEM microscope	Imaging	60/sample		
Sputter coater	Gold or Platinum coating	12/Run		
Zetasizer Nano ZS90	Size measurement	18/Sample	Measurement Range (0.3nm-5µm)	
Zetasizer Nano ZS90	Zeta potential	18/sample		
EDX	Quantity &Quality analysis for elements	30/ sample		