SERVICE CHARGE

External User



Please consult with laboratory personnel before decided to choose any service(s) below:

SERVICES / FACILITIES				
NO	LIST OF INSTRUMENT	CRITERIA	FUNCTION	PER SAMPLE (RM)
1.	Differential Scaning Calorimetry (DSC)	Temp: -50°C until max Powder film	To measured physical properties of a sample change along with temperature againt time	Powder: 200.00 Film: 300.00
2.	Dynamic Mechanical Analysis (DMA)	RT until max Price does not include nitrogen gas	To measure materila stiffness by time, temperature and frequency	400.00
3.	Electrochemical Multichanel / Impedance Analyzer	• KIV	To investigate the electrical resistance (measured in ohm) of substances and objects	120.00/h
4.	Fourier Transform Infrared (FTIR)	• KIV	To obtain an infrared spectrum of absorption or emission of a sold, liquid or gas	100.00
5.	Laser Particle Analyzer	Powder- Solvent Water	To measure the sizes of particles in a material	100.00
6.	Multichanel Electrochemical Workstation (Glove Box)	Min corrisive chemical 10%	To isolate the contaminants from the environment by confining them to the enclosed volume	KIV
7.	Scanning Electron Microscopy (SEM)	Max. 3 Images *Imaging only	To focus on beam of electrons and analyse surfaces structures and near surface of approriate specimens	150.00
8.	Thermal Gravimetric Analysis (TGA)	• Temp: RT 600°C • Powder/Film	To determine a material thermal's stability by measuring the weight change that occurs as a sample is heated at a contant rate	300.00
9.	UV/VIS/NIR Spectrometer	Powder / Liquid / Film	To measure the amount of discrete wavelengths of UV or Visible light that are absorbed by or transmitted through a sample	75.00
10.	Ball Mill Grinder	Solid / Powder	To grind or blend materilas for use in mineral dressing processes, paints, pyrotechnics, ceramics and selective laser sintering.	100.00/h

MAKMAL INFRA PASUM

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