

Materials Research Laboratory - UCSB Shared Experimental Facilities

SUMMARY OF INDIVIDUAL RATES EFFECTIVE 8/1/21

(T = TEMPO labs; P= Polymer Characterization labs; S= Spectroscopy labs; X= Xray labs; E=Energy lab)

Name of Good or Service		Billing Unit	On-Campus Rate	Off-Campus Rate (Academic/Non-Profit)	Off-Campus Rate (Private/For Profit)
T-1	Porosimeter-BET	per day	42.00	65.31	126.00
T-3	ICP-OES Spectrometer	per hour	35.81	55.68	107.43
T-4	TGA	per hour	15.73	24.46	47.19
T-5	TGA-Mass Spec	per hour	39.38	61.24	118.14
T-6a	Fluorimeter	per hour	17.88	27.80	53.64
T-6b	Fluorimeter with Integrating Sphere	per hour	35.75	55.59	107.25
T-7	AccuPyc 1340 Pycnometer	per hour	11.00	17.11	33.00
T-8	UN-Vis-NIR Spectrometer	per hour	17.88	27.80	53.64
T-9	Fluorescence Microscope	per hour	12.50	19.44	37.50
T-10	Netzsch Differential Scanning Calorimeter (DSC)	per hour	8.80	13.68	26.40
T-11	Magnetic Property Measurement System (MPMS3, aka SQUID); minimum 6 hr reservation	per hour	7.70	11.97	\$75/hr for first 6 hrs OR \$500/day. No 6 hr minimum
T-12 & T-13	9 Tesla DynaCool Physical Properties Measurement System (D1 & D2 PPMS) - ETO, Res, TTO, HC: minimum 6 hr reservation	per hour	7.70	11.97	\$75/hr for first 6 hrs OR \$500/day. No 6 hr minimum
T-14	Nicolet iS10 Fourier Transforms Infrared (FTIR)	per hour	17.88	27.80	53.64
T-15	Triton Dilution Refrigeration System (minimum 3 days, access to this instrument is conditional and will be determined by the user's experience)	per day	264.00	410.52	792.00
T-17	14 Tesla DynaCool Physical Properties Measurement System (D3 PPMS) - ETO, RES, 50mK DR, VSM & oven: minimum 6 hrs reservation	per hour	9.35	14.54	\$75/hr for first 6 hrs OR \$500/day. No minimum time.
P-1	TA Instruments Q2000 Differential Scanning Calorimeter (DSC)	per run	25.06	38.97	75.18
P-2	Shimadzu GC-2014 Gas Chromatograph	per run	11.66	18.13	34.98
P-3	GPC - using chloroform	per run	10.25	15.94	30.75
P-4	GPC - using DMF	per run	19.95	31.02	59.85
P-5	GPC - with MALS, Viscostar, and Rex detectors	per run	18.38	28.58	55.14
P-6	Preparative GPC	per run	12.60	19.59	37.80
P-7a	Nano Isothermal Titration Calorimeter (ITC)	per hour	10.78	16.76	32.34
P-7b	Nano Isothermal Titration Calorimeter (ITC)	per day	64.68	100.58	194.04
P-8	Microwave Reactors (CEM and Biotage)	per run	13.02	20.25	39.06
P-9	Rheometer I (with water bath)	per hour	21.00	32.66	63.00
P-10	Rheometer II (with oven)	per hour	26.25	40.82	78.75
P-11	Wyatt DynaPro NanoStar dynamic light scatterer (DLS)	per run	14.68	22.83	44.04

P-12	UPLC Xevo ToF	per run	14.07	21.88	42.21
P-13	Agilent 1200 HPLC	per run	13.02	20.25	39.06
P-14	GPC - Aqueous	per run	12.58	19.56	37.74
P-16	Advanced Polymer Chromatograph (APC System)	per run	10.26	15.95	30.78
P-17	Dynamic Mechanical Analyzer (DMA)	per hour	26.25	40.82	78.75
P-18	ARES-G2 Rheometer (NEW)	per hour	26.25	40.82	78.75
S-1	Fluorimeter (Room 1403, CNSI)	per hour	19.00	29.55	57.00
S-2	IPSO 400 DNP NMR	per hour	25.67	47.52	77.01
S-3	Avance 500 SB NMR	per hour	22.30	34.68	66.90
S-4	IPSO 500 WB NMR	per hour	22.00	34.21	66.00
S-7	EMXPlus EPR	per hour	26.22	40.77	78.66
S-8	VNMRS 600 SB NMR	per hour	22.75	35.38	68.25
S-9	IPSO 300 SWB NMR	per hour	31.80	49.45	95.40
S-10	Biolin QCM-D E-Series (per day rate: \$40)	per hour	9.50	14.77	28.50
S-11	IPSO 800 SB NMR	per hour	31.00	48.21	93.00
S-12	Bruker 100MHz WB solid-state NMR spectrometer	per hour	15.50	24.10	46.50
X-1	Commercial X-ray Diffractometer	per hour	42.69	66.38	128.07
X-2	Specialty X-ray Diffractometer	per hour	31.40	48.83	94.20
X-3	Nikon Optophot Upright Microscope	per hour	27.13	42.19	81.39
E-1	Energy Research Facility Access Fee	per day	10.00	15.55	30.00
	Associate Project Scientist	per hour	109.00	169.50	169.50
	Staff Research Associate	per hour	74.93	116.52	116.52
	R&D Engineer	per hour	78.18	121.57	121.57
	Professional Researcher	per hour	185.56	288.55	288.55
	Project Scientist	per hour	170.64	265.35	265.35
	NMR Specialist	per hour	78.97	122.80	122.80
	XRD Specialist	per hour	77.03	119.78	119.78
	Lab Assistant	per hour	37.50	58.31	58.31

Other Fees:

- \$100 Training fee for each external user attending training classes (for profit institutions)
- Individual training will be billed at the off-campus hourly rate of the trainer.