



AVAILABLE INSTRUMENTS AND EQUIPMENT

As of February 2023

Analytical Instruments

INSTRUMENTS	MODEL/BRAND	QUANTITY (PER PIECE/S)
Atomic Absorption Spectroscopy	Shimadzu AA-7000	1
Fourier Transform Infrared Spectrometer	PerkinElmer Spectrum Two	1
Gas Chromatography with Flame Ionization Detector/Thermal Conductivity Detector	PerkinElmer Clarus 580	1
Microplate Reader	EON Biotech	1
Ultraviolet-Visible Spectroscopy	PerkinElmer Lambda 365	1

Equipment List

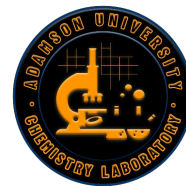
EQUIPMENT	MODEL/BRAND	QUANTITY (PER PIECE/S)
Analytical Balance	Mettler Toledo AB104-S	1
	Sartorius BSA2245-CW	1
	Sartorius CP1245	1
	Mettler Toledo AB104-S	1
Auto Clave	Vision Scientific VS-1221	1
Bomb Calorimeter	Parr	1
Centrifuge	Beckon Dickinson Clay Adams Compact I	1
	Beckon Dickinson Clay Adams Compact II	3
	Clay Adams Safety Head	2
Desiccator (Cabinet)	Eureka Auto Dry Box	1
Digital Barometer	VWR	1
Digital Viscometer	Biobase	1
Dry Cabinet	Digi-Cab Professional DHC-100	1



Drying Oven	Memmert	1
Five Place Magnetic Stirrer	IKA RT 5	1
Fume Hood	AG-11	2
	Labconco	2
Heating Mantle	WiseTherm	4
Hot Shaker	Bellco Glass Inc.	1
Hotplate/Hotplate with Magnetic Stirrer	Thermo Scientific Type 2200	1
	D Lab MS-H340-S4	2
Hybridization Incubator	Robbins Scientific Model 400	1
Hydraulic Press	Specac	1
Laboratory Work Bench	NA	NA
Melting Point Apparatus	Electrothermal	2
Micro Centrifuge Machine	NA	1
Micropipettor	Multichannel Eppendorf	1
	Multiple Channel BOECO Germany	1
	Multiple Channel Flow Titertek	1
	Single Channel (10 μ l) Thermoscientific	1
	Single Channel (10 μ l) Gilson	1
	Single Channel (20 μ l) Gilson	3
	Single Channel (50 μ l) Gilson	3
	Single Channel (200 μ l) Gilson	2
	Single Channel (1000 μ l) Gilson	1
	Single Channel (1000 μ l) Fortuna	1
Microscope	Rax Vision	2



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Muffle Furnace	Nabetherm	1
Orbital Shaker	IKA KS 130 Basic	1
Osterizer	NA	2
pH Meter	Beckman Coulter Phi 510	2
	Sartorius PB 20	5
pH Meter with ORP/ISE (F ⁻)/Conductivity	Horiba	1
Polarimeter	Kruss P1000 LED	1
Potentiostat/Galvanostat	Metrohm-Autolab PGSTAT 101	1
Refractometer	Abbe 5	2
Refrigerated Centrifuge	Dynamica Velocity 18R	1
Rotary Evaporator	Buchi Rotavap R-215	2
Semi Micro Analytical Balance	Sartorius	1
Sonicator Water Bath (10 L capacity)	Branson 8510	1
Soxhlet Extraction	NA	NA
Suction Machine	NA	2
TLC Plate Viewer (UV Lamp-equipped)	NA	1
Top-Loading Balance	Ohaus Navigator NVT 22000	1
	Ohaus Defender 2000	1
	Mettler Toledo PB602	2



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Ultrasonic Processor (Probe Type)	Cole Parmer 750W	1
Vacuum Drying Oven	Biobase BOV-50V	1
Water Bath Shaker	Daihan Scientific Maxturdy 30"	1
Westphal Balance	China	2

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