

Andreas Mentzelopoulos Foundation (26 February 2024)
Educational Laboratories Equipment (Phase A) -- University of Patras

#	Department	Laboratory Instruments Description	Cost
School of Natural Sciences			
1	Geology	Triaxial soil testing apparatus	18.200
2	Physics	Scintillation Detector (includes a high resolution NaI(Tl) crystal, photomultiplier). Fully integrated multi-channel analyzer (MCA) for scintillation spectrometry.	15.150
3	Physics	Networking Switches - Splitters	6.000
3	Mathematics	Next cloud-based server for educational purposes.	10.450
4	Biology	LED Panel for plant growth and experimentation	5.000
5	Biology	Refrigerated centrifuge	4.900
6	Chemistry	UV/Vis Double-Beam Spectrophotometer	10.000
7	Chemistry	Benchtop Refrigerated Centrifuge with rotor	5.900
8	Chemistry	Elemental Analyzer CHNS/O (Instrumental Analysis Laboratory)	30.000
9	Materials Science	Balance with five digits, Benchtop centrifuge with head	5.400
			111.000
Medical School			
1	Pharmacy/Comp	PC Systems	2.400
2	Pharmacy Tech.	Water Bath, Magnetic Stirrer, Oven	7.500
3	Pharmacy/EMBLA	Table top centrifuge, automatic pipettes	4.000
4	Pharmacy/Kinetics	Vortex analog isolab, Magnetic stirrer with heating, photometer	2.400
5	Pharmacogenomics	BENTO LAB DEVICE	2.500
6	Pharmacy Chem.	HPLC LIQUID CHROMATOGRAPHY SYSTEM	17.500
7	Molecular Pharm.	COOLED TABLE CENTRIFUGE AND ONE HEAD	7.000
8	Medical – Physiol.	Cardiograph (portable), nerve stimulator	5.900
9	Medical- Pharm.	Refrigerator with 2 vertical doors, outlet for water/ice, Vortex standard	4.600
10	Medic. - Anatomy	ORTHOMIC MICROSCOPE Olympus /evident	6.150
11	Microbiol. Lab	SIMPLIAMP THERMAL CYCLER EACH	6.700
12	Pathology	Demonstration Computer system	6.500
13	Nuclear Medicine	PROJECTOR	650
14	Health Lab	Air particle counter	4950
15	Hematology	Device for blotting protein mini gel	6650
16	Medical Phys.	GM Probe with Sample-Holder	4950
17	Bio Chemistry	CO2 Incubator, Air Jacket with disinfection Unit	8000
18	General Bio	Shaking Incubator for Microbiological Cultures-Multitron	6500
19	Instrumental pharmac. Anal.	Device for measuring Refractive Index	7150
			112.000
Engineering			
1	Electrical	Spectrum Analyzer	8.550
2	Electrical	DC Power Supply	8.650
3	Civil Engineering	Two load cells (with amplifiers and digitizers)	6.350
4	Civil Engineering	Rapid Chloride Permeability Tester	10.500
5	Comp. Eng.	Boards for Machine Learning – Robotic Kit	13.400
6	Chemical Eng.	Gas Chromograph with one TCD and 2 FID detectors	22.250
7	Mechanical Eng.	Balancing Vibrator System	23.100
8	Architecture	Laser Cutter Trotec Rayjet 500 and Plotter	17.200
			110.000