

PMAS-Arid Agriculture University
Faculty of Veterinary and Animal Sciences

List of Instruments

Department of Veterinary Biomedical Sciences

Sr. #	Name of Equipments	Manufacturer / Model and Specification
PHARMACOLOGY LABORATORY		
1.	Refrigerator	Waves / Double door 14 feet cubic
2.	Automatic Dispenser	Germany, (01-10 ml) Socorex
3.	Desiccator with pump	Taiwan, Rocker 300
4.	UV-VIS Spectrophotometer	Britain, PG-Model T-70 with HP printer
5.	Kymograph with accessories plotters	China, Student Kymograph
6.	Electrical balance, Analytical balance Digital	Sartorius Germany, Model CP 324S S. No 17119905
7.	Triple Beam Balance	China ,Measure Tech MB-2610
HISTOLOGY LABORATORY		
1.	Binocular Compound microscopes (with eye pieces and objectives, etc. complete)	Microscopy
2.	Cryostat (microtome) Tissue Tek– upright with frozen staining	Frozen Tissue Sectioning
3.	Projection microscope (with camera, projector & screen)	Demonstration of tissue structures to students
4.	Stage and ocular micrometers	Micrometry
5.	Analytical Balance Electronic Digital Model TE3135	Weighing
6.	Rotary Microtome	Sectioning of tissues
7.	Refrigerator	Low temperature storage of tissue blocks & chemicals
8.	Automated Tissue processing Unit	Clearing, Dehydration & Infiltration of the tissues processing for light microscopy
9.	Hot air oven	High temperature source for tissue sections embedding & staining
10.	Paraffin dispenser	Infiltration of tissues with paraffin for light microscopy
11.	Tissue floatation bath / Water bath	Use in Tissue sectioning for tissue uplift on slide
12.	Side warmers (hot plates)	Use to provide hot surface to slides for drying tissue
PHYSIOLOGY LABORATORY		
1.	Stethoscope	Germany
2.	BP Apparatus	Japan

3.	Co2 Gas Cylinder	Pakistan Made
4.	Digital Kymograph and Electrocardiograph	Australia Made
5.	Oven	Japan Made
6.	Oven Universal	German Made
7.	Digital Cell Counter	Koran Made
8.	Electronic Balance	Sartorius
9.	Eppendorf Research Pipette	100-1000 μ L
10.	Tissue Homogeniser	Daihan Scientific Korea
11.	Microscopes	05 Olympus & 05 Nikon
12.	Vacuum Pump	Filtration Assembly
13.	UV Lamp	Hand hold lamp
14.	Water Distiller	Japan Made
15.	Centrifuge	German Max Capacity 16x15ml, 4000rpm, Labofuge-200
16.	Hemoglobin meter	Apel Japan
17.	Co2 Incubator	Sanyo Japan
18.	Minigel Electrophoroses	BioRad; USA
19.	pH meter	Korea
20.	Vortex Mixture	Italy
21.	Vernier Caliper	Digital
22.	Refrigerator	Waves 14 cft