










A V A I L A B L E R E S E A R C H
E Q U I P M E N T

2015

EQUIPMENT	FUNCTION
 <p>MICROPLATE READER MODEL M96</p>	<p>This is used in multitude of applications for example food assays, microbial growth, cellular analysis, high throughput screening and many more.</p>
 <p>ELECTROPHORESIS-MINI PROTEAN TETRA CELL 552BR</p>	<p>This is used for the determining the mass of an object for example a protein or DNA.</p>
 <p>AUTOKJELDAHL UNIT MODEL 370</p>	<p>This used for determination of protein and nitrogen samples.</p>
 <p>UV-SPECTROPHOTOMETER MODEL 164701</p>	<p>This is a device used to study the interaction between radiation and matter in regards to the wavelength of photons. Specifically it measures visible light and the close-to-visible range of ultraviolet and infrared spectrum.</p>
 <p>REFRIGERATED CENTRIFUGE MODEL 5702R</p>	<p>This is used for the separation of two or more liquids in a mixture by rotation in a container so that the lighter density liquid rises to the top. It is occasionally necessary to centrifuge samples in refrigerated conditions to ensure sample integrity.</p>

 <p>RAPID VISCO ANALYZER TECMASTER PERTEN</p>	<p>This is widely used in starch and food industries to assess the gelatinization characteristics of ingredients and finished products.</p>
 <p>POLYMERATWE CHAIN REACTION MODEL TC412</p>	<p>This is used to exponentially amplify a specific target DNA sequence, allowing for the isolation, sequencing or cloning of a single sequence among many.</p>
 <p>INVERTED MICROSCOPE</p>	<p>This device is used for viewing cell tissue culture and cell morphology.</p>
 <p>AUTO HAEMATOLGY ANALYZER</p>	<p>This is used for hemoglobin count, WBC, Differential count of animals.</p>
 <p>GAS CHROMATOGRAPHY MODEL 910</p>	<p>This is used for separating and analyzing compounds that can be vaporized without decomposition.</p>



This is used to display and analyze the waveform of electronic signal.



This is deep-frying device housed inside a vacuum chamber.



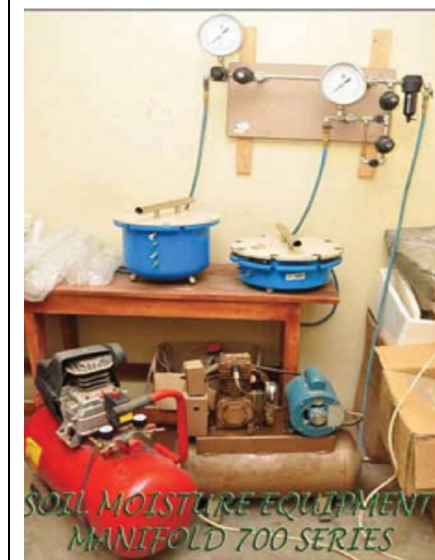
This is used for anaerobic incubation of organisms.



Kymograph Universal Model, also a "wave writer" is a device that gives a graphical representation of spatial position over time in which a spatial axis represent time. It is used as a means to instructively monitor blood pressure.



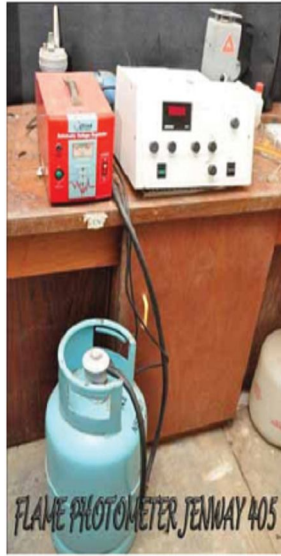
This is used for detecting and quantifying antibodies or antigens against viruses, bacteria and other materials.



This is used to measure and track moisture in woods, grains, soil and walls.



This is used to test the tensile stress and compressive strength of materials.



This is used in inorganic chemical analysis to determine the concentration of certain metal ions, among the sodium, potassium, lithium and calcium.



This is used to produce a variety of work. It can cut curves, angles and many other shapes.



This is a very robust and sturdy machine with varieties of cutters available. It is used when a vertical miller is suitable.



This is a device used to study the interaction between radiation and matter in regards to the wavelength of photons. Specifically it measures visible light and the close-to-visible range of ultraviolet and infrared spectrum.



It is a Nitrogen determination digestion and distillation apparatus used for determination of protein content in agricultural products.



This is used to stimulate the effects that a range of temperature and humidity conditions have on a product or material that are exposed to outdoor temperature and humidity conditions. It is essential for evaluating potential success or failure of a product in the field.



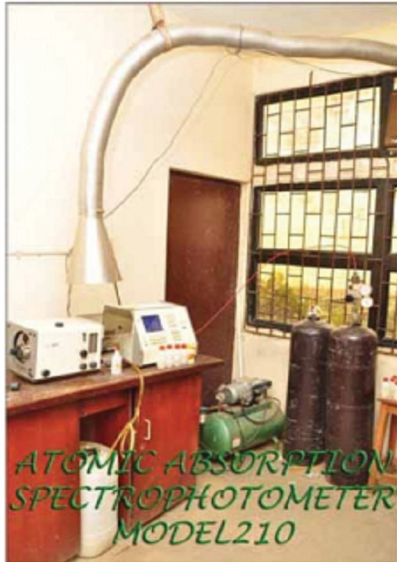
This allows users to view opaque items at high magnifications. It is used as measuring instruments for measuring thin films, electroplating coating, grain size, surface inclusions and defects.



This is used to produce high quality images (from 3x -115x), including 3D reconstruction, anaglyphs, high dynamic range images, as well as digital movies.



This is used to take photograph at reasonably high magnification.



This is an instrument that measures the concentrations of inorganic elements in pasture, food, feed, water, soil.



This is a full system which electronically measure the height of albumen in combination with egg weight providing the haugh unit (HU) of egg. This system is ideal for researchers, producers and marketers because of its probability to take objective measurement of albumen quality.



This is an equipment used for the analysis of Acid detergent fiber (ADF, Neutral Detergent Fiber (NDF) and Crude Fiber in a batch operation.



This is intended for home or professional butchers and is capable of cutting through meat.



CYAN PRO (CYPRESS DIAGNOSTICS)

This device is a serum analyser used in the determination of Acid Phosphatase, Albumin, Alkaline Phosphatase, Cholesterol, Lipid and many more.



CAL 2K BOMB CALORIMETER

This equipment is used for the determination of gross energy in food and feed samples.