

COMPANY



# PROFILE



- Chromatography Solutions ▪
- Mass spectrometry Solutions ▪
- Spectroscopy Solutions ▪
- Oil and Gas Solutions ▪
- Water Quality Solutions ▪
- Laboratory Gas Generators Solutions ▪
- Milk and Dairy products Solutions ▪
- Preventive and Curative Maintenance ▪
- Solvents, Reagents and CRMS ▪
- Application Training and Consultancy ▪
- Molecular and Microbiology Solutions ▪



[www.nesvax.co.ke](http://www.nesvax.co.ke)



Nesvax Innovations Limited are distributors of analytical laboratory equipment in East and Central Africa. We sell, install, commission, and provide technical support and end user training on all analytical equipment.

Established in 2007, Nesvax sets the pace in providing integrated laboratory solutions in research, teaching, exploratory, quality control and assurance

The World's Respected Brands by a Single Organization





# OUR VISION & MISSION

## Our Vision

To be a one-stop solution for all research, teaching and testing products and services in East and Central Africa.

## Our Mission

To enable end-users of research, teaching and testing laboratories build capacity and utilize their equipment optimally.



**Food & Dairy  
Industry**



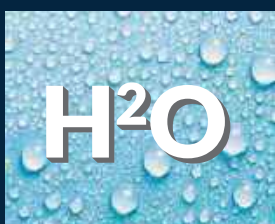
**Energy**



**Industrial  
manufacturing**



**Chemical**



**Water**



**Oil & Gas**



**Pharma and  
healthcare**



**Metals and  
mining**

# OUR CORE MANDATE & VALUES



1

## **Distribution of research, teaching and Testing Equipment**

Nesvax works closely with 15 manufacturers to provide a whole laboratory solution. We identify customer needs and offer relevant products and solution that meets the requirement to ensure seamless workflows. The main solutions are; Chromatography, Spectroscopy, Oil and Gas, Water, Laboratory Gas Generators, Milk and Dairy products, Solvents, Reagents and CRMS. Molecular and Microbiology Solutions.

2

## **Preventive, Curative Maintenance (PM), and Qualification/ Validation**

Nesvax has five qualified engineers that do installations, preventive and curative maintenance, installation qualification (IQ) , operation qualification (OQ), performance validation (PV) etc.

The Engineers have had factory training at our partners' factories in the USA, Germany, Netherlands Italy and UK.

3

## **Training and Capacity Building**

Nesvax facilitates end-user training onsite or in partner laboratories. This is done in the whole of africa based on the need. Advanced factory training for user is done in Netherlands,USA, Australia, Singapore, Germany and UK.

The training are organised in partneship with Sciex, Scion instrumenst,Claind and Analytik Jena. Nesvax is currently setting up an in house state of the laboratory for training & consultancy.

# » OUR SOLUTIONS

Through Partnership and broad product offering Nesvax supports the below key industrial, research and teaching applications.



## **a) Chromatography and Spectroscopy Solutions**

Nesvax offers solutions to end-users through provision of Instrumentation and technical support to the food industry, forensic labs, mining, cement, pharmaceuticals etc.

The product offering under this segment in Spectroscopy, Chromatography and Mass spectrometry instruments. We also provide original manufacturer equipment parts and consumables for these equipment.

## **b) Water Quality Solutions**

Nesvax distributes Milwaukee and also resells Hack products in Kenya. The relationship enable us access a broad product portfolio an unparalleled solution to municipal drinking and waste water, food, beverages, power generation, pharmaceuticals etc.

We offer both laboratory and online and inline systems under this framework. Apart from the equipment we offer reagents, consumables, kits etc.

## **c) Oil and Gas Solutions**

Nesvax Innovations is a reseller of various Oil and Gas Solutions in East Africa. The partnership enables us offer a broad range of downstream, mid steam and upstream oil and gas testing equipment. The equipment are both laboratory and inline/online and covers physical properties, chromatography and spectroscopy.

## **d) Milk and Dairy Products Quality Solutions**

Nesvax offers solutions to end-users through provision of Instrumentation and technical support to the dairy and food industry. Nesvax distributes Astori Tecnica milk and dairy testing equipment. The equipment provides a bespoke solution for the rapidly expanding dairy and milk industry in the region.





## **h) Preventive and Curative Maintenance Solutions**

Nesvax recognizes that a laboratory equipment is as good as the aftermarket support that is locally available.

We have trained and factory certified Service Engineers who install, repair and provide preventive maintenance to our customers.

## **e) Material Testing Solutions**

Nesvax are distributors of Zwick Roell . Through the partnership with Nesvax Innovations, we now have the capacity to provide a whole material testing solution.

The tests include; static materials testing machines, dynamic and fatigue testing systems, automated testing systems, products for impact testing, extrusion plastometer, HDT and Vicat Testing instruments, hardness testing etc

## **f) Laboratory Solvents and Reagents Solutions**

Nesvax are distributors of Tekkim Solvensts and reagents. Apart from that, we partner with LGC and Paragon to provide reference standards and certified reference materials (CRM).

Through the partnership, Nesvax can offer quality organic and inorganic solvents and reagents, acids and volumetric solutions.

## **g) Training and Consultancy Solutions.**

Nesvax has a fully-fledged training department. The training involves onsite end user training, application training and consultancy.

We have Application Chemists who are responsible for the training planning and exclusion. The training are no Chromatography, Spectroscopy and Mass Spectrometry.

## **i) Color Measurement Solutions**

Nesvax are partners of Hunterlabs. Through the partnership, we can offer the very best solution in color testing. huneterlab spectrophotometers are available in portable, benchtop and production line models designed to meet your processing, testing and quality control requirements.

HunterLab color measurement solutions are employed in a wide variety of industries including building materials, chemical, food, paint, paper, pharmaceutical, plastic, textile and others.



## **j) Calibration and Validation Solutions**

Nesvax has partnered with V-Kit to offer verifiable calibration and validation services. This ensures that all equipment supplied by the company are up to required specifications and generate accurate results.

The solution is available to chromatography, spectroscopy and other small laboratory equipment

## Partners & Suppliers

To support the market, Nesvax Innovations Limited has distributorships and Partnerships some of the most respected brands and manufacturers in the United States of America and Europe.

These partners enables Nesvax offer a broad and integrated Laboratory solution for most

### Authorized Distributors/Agents



**MILESTONE**  
HELPING  
CHEMISTS



### Authorised Resellers



# analytikjena

An Endress+Hauser Company

Nesvax Innovations Limited are the official distributors of Analytik Jena in Kenya and Tanzania. The partnership enables Analysts in the region to access a huge portfolio of cutting edge Molecular and Atomic Spectroscopy equipment. Jena presents highly sensitive, robust, innovative and user-friendly equipment for nearly every task in analytical chemistry workflows.

The Atomic Spectroscopy portfolio consists of six different models of Atomic Absorption Spectrometers (AAS) and Inductively Coupled Plasma Spectrometers such as ICP-OES and ICP-MS Systems. The Molecular Spectroscopy portfolio consists of 5 models of UV-VIS Spectrophotometers. We also offer dedicated mercury analyzers, TOC/TNb analyzers, and elemental analysis systems for the determination of carbon, sulfur, chlorine, and nitrogen. The major applications are food and beverage, environment, pharmaceuticals, mining and geology, research and academia.

## Jena Molecular Spectrometer portfolio is as below:

- Specord Series including Specord plus 50, 200, 210 and 250.
- Scandrop series for micro volume
- Spectrophotometry.

## Atomic Spectrometer line has below instruments:

- NovAA 800 series- Atomic Absorption Spectrometer for routine analysis.
- ZEEnit Series-Atomic Spectrometer with Zeeman background correction.
- ContrAA 800 series- Atomic Absorption Spectrometer- High end AAS with multi element analysis capability.

Two models of Inductively Coupled Plasma Coupled with optical emission Spectrometer (ICP-OES) are on offer and below;

- (i) PlasmaQuant 9100.
- (ii) PlasmaQuant 9100 Elite High resolution



## Analytik Jena offers Four different models of Inductively coupled Plasma Coupled with Mass.

Spectrometer (ICP-MS) and Quadruple ICPMS below;

- PlasmaQuant MS - high sensitive, robust and reliable ICP-MS Instrument.
- PlasmaQuant MS Elite - ultimate sensitivity for targeted research applications.
- PlasmaQuant MS Elite S - high sensitivity and flexibility for efficient analysis.
- PlasmaQuant MS Q - for sensitive and robust high throughput analysis.

Apart from the above Jena also offers.

- Carbon, Nitrogen, Sulfur and Chlorine Analyzer (CNSX).
- Adsorbable Organic Halides (AOX) Analyzer.
- Total Organic Carbon and Total Bound Nitrogen Analysis for Pharmaceutical Industry (TOC/TN<sub>pharma</sub>).
- Total Organic Carbon and Total Bound Nitrogen Analysis (TOC/TNb).
- Microwave Pressure Digestion System.
- AOX Sample Preparation Series.







Nesvax Innovations Limited are the official distributors for Sciex in East Africa. The partnership enables Nesvax avail upto date cutting-edge technology on Liquid Chromatography Mass Spectrometer ecosystem. Since successfully commercializing the first Triple Quad Mass Spectrometer in 1981, SCIEX has been committed to meeting the needs of scientists around the world. We therefore make available 50 years of innovations to the region.

Sciex Mass Spectrometer Systems—as well as other life science products including capillary electrophoresis instruments, front-end HPLC MS products, software, and complete integrated solutions—are designed by scientists like you for scientists like yourself validating the name Scientific Exchange from the name Sciex is derived.

Sciex products are used extensively in labs focusing on environmental testing, food and beverage testing, pharmaceuticals, biopharmaceutical discovery and development, forensics screening, clinical diagnostics, and life science research. The Sciex- Nesvax partnership ensures provision of top-notch laboratory solutions to testing and research laboratories in academia, food and beverage, forensics, pharmaceuticals, Pharma, clinical diagnostics in East Africa.

### Life Science Products

- Cell Analysis
- Automated Electrophoresis Microarray
- Solutions Mutagenesis & Cloning
- Next Generation Sequencing FISH Probes
- Genomics Informatics PCR/Real-Time PCR (qPCR) CRISPR/Cas9
- Oligonucleotide Libraries

We offer a diverse portfolio of Systems from Triple Quadruple Mass Spectrometer (LCMSMS) Systems, Sciex patented Quadruple Trap (QTrap) Mass Spectrometer (Q-Trap LCMSMS) and Quadrupole Time of Flight Mass Spectrometers (QTOF LCMSMS).

### Sciex Triple Quadruple Mass Spectrometer Systems are as below:

- 1) Triple Quad 3500, 4500, 5500+ LC-MS/MS System – QTRAP® Ready, 6500+, and 7500 LC-MS/MS System – QTRAP® Ready System.

### The Qtrap Systems in the portfolio are :

- 4500 Qtrap System,
- 5500+ LC-MS/MS System – QTRAP® Ready
- Qtrap 6500+ System.

### The Quadrupole Time of Flight (QTOF) Systems on offer are:

- X500B QTOF System,
- X500R QTOF System
- ZenoTOF 7600 System.






Livam has for the last 28 years provided water distillers and professional water treatment systems for various segments of the market such as research and medical laboratories, healthcare and scientific institutions, manufacturing facilities and defense enterprises.

The product range of Livam equipment includes water distillers with a capacity from 2 to 210 liters per hour, double distillation water stills, reagent-grade water generation systems, water deionizers and purified water storage tanks. Electrical conductivity of product water varies from 0.05 to 3.5  $\mu\text{S}/\text{cm}$  depending on its type (Type I, II and III Water)

Nesvax has partnered with Livam to offer purified water for all applications in all industries.

The products include.  
Analytical Quality Water Production Units, Double type Distillers and Water Collectors



Livam GmbH, Germany 





## Discover the Lab Automation

Alliance Bio-Expertise is a French company that specializes in automated microbiology application. They develop technical products that can bring a real advantage to a microbiology laboratory.

Nesvax Innovations Limited has partnered with Alliance Bio-Expertise to offer automation to every microbiology lab. The solutions ensure improved laboratory productivity & throughput.

The main products and solutions are;

- Media Preparators.
- Petridish filler.
- Air samplers
- Gravimetric diluters.
- Laboratory blenders.
- Blender bags.
- Safe station-Ozzon.
- Wrapping station for petri dishes.
- Diluent bags.
- Peristaltic pumps.







Normax has for the last 45 years been involved offering solutions to laboratories.

Working 98 collaborators globally, Normax controls a wide variety of technologies for glass tubing and glass sheet processing, as well as different melted glass production techniques. Therefore, Normax is, currently, able to suitably cope with the customers' demands by using either its automatic production lines or its manual production skills.

Normax has partnered with Nesvax in East Africa to offer broad solutions on laboratory glassware and glass products.

The partnership also enable Nesvax access other product lines that Normax distributes.





Claind leads innovation in research and supply of laboratory generators. As a principal channel partner of most chromatography equipment manufacturers. Claind offers a whole range of generators that ensure the right gas quality for your application. Through Claind we offer Hydrogen, Nitrogen, Zero air and Air compressors. These systems come in different capacities for individual laboratory need.

Nesvax has two Engineers that are trained to maintain and service the above systems. Through partnership with Claind, we have a range of hydrogen, Nitrogen and zero grade air dedicated to specific equipment brand.

The Claind HyGen series hydrogen generator provides gas on demand to all brands of GC System from Agilent, Thermo, Bruker, Shimadzu etc. The Nigen and Nitro series Nitrogen generators offer smoother, safer and efficient nitrogen generation for all your LCMS, and LCMS/MS needs. Genius has solution for Agilent, AB SCIEX, Shimadzu, Thermo, Waters etc.



# **Condalab**

Inspired by Knowledge

With more than 50 years of experience in the manufacture of products for microbiology and molecular biology, Condalab offers the widest ranges of microbiological culture media available on the market.

Condalab offers the highest quality in raw materials and rigorous manufacturing processes, offering clients the performance and reliability necessary in culture media in order for them to develop their work with absolute confidence in the results obtained.

Condalab is partnering with Nesvax to bring to you this great solution to your doorsteps. With Condalab Nesvax moves a step closer to a whole laboratory solution for all your microbiology needs.

These additional capabilities enable us support the Alcoholic beverages, Antimicrobial susceptibility testing, Clinical, Cosmetics, Dairy products, Dyes and stains, Environmental monitoring, Fermentation, Food, General cultivation, Juices, Molecular biology, Pharmaceutical/Veterinary, Transport media for samples and Water vertical markets.

## **Product offering**

- a) Dehydrated culture media.
- b) Stains.
- c) Ready to use Media.
- d) Supplements.
- e) Chromogenic culture media.
- f) Antimicrobial susceptibility testing.





*Measurements Made Easy*



Milwaukee is a dynamic worldwide manufacturer of electrochemical Instrumentation for water analysis to measure pH, Redox, Conductivity, Salinity, Dissolved Oxygen, Temperature, Turbidity, Chlorine, Ammonia, Chloride, Phosphate, Iron, etc.

Milwaukee serves all markets where water quality measurements are required: Laboratory market, food and beverage, environmental, education and government, water and waste water treatment, pharmaceutical and biotechnology, chemical, agriculture and horticulture, hydroponics, aquariums, swimming pools, etc.

Milwaukee has partnered with Nesvax Innovations limited in The East and Central region to ensure to make available affordable equipment and kits that meets the needs of all industries.

The partnership ensures that Nesvax can offer solutions to low and medium segment of the





## Driven by enthusiasm & passion

Nesvax Innovations Limited are distributors for Zwick Roell In East Africa. Zwick Roell is a global leader in materials testing and a trusted partner for reliable test results. Zwick ensures reliable test results in materials and components testing by enabling the perfect interaction among all testing machine components. Consequently, they have developed and manufacture both the load frames and all main components.

For more than 160 years, ZwickRoell has stood for extraordinary technical performance, innovation, quality and reliability in materials and components testing. ZwickRoell, together with its machine and software solutions, stands for accuracy, repeatability, reproducibility and for seamless results traceability. In other words, ZwickRoell stand for reliable test results.

Through the partnership with Nesvax Innovations, we now have the capacity to supply: static materials testing machines, dynamic and fatigue testing systems, automated testing systems, products for impact testing, extrusion plastometer, HDT and Vicat Testing instruments, hardness testing machines and modernization of testing systems.





As the global leader and innovator of color measurement instruments and technology, HunterLab knows that our color spectrophotometers have to be as accurate and reliable as they are easy to use. Our full-line of products offer unprecedented flexibility to measure, monitor, analyze, and report results—seamlessly.

# HOBERSAL

## FURNACES & OVENS TECHNOLOGY

30°C - 2000°C · 1L - 2000L

[www.fornshobersal.com](http://www.fornshobersal.com)

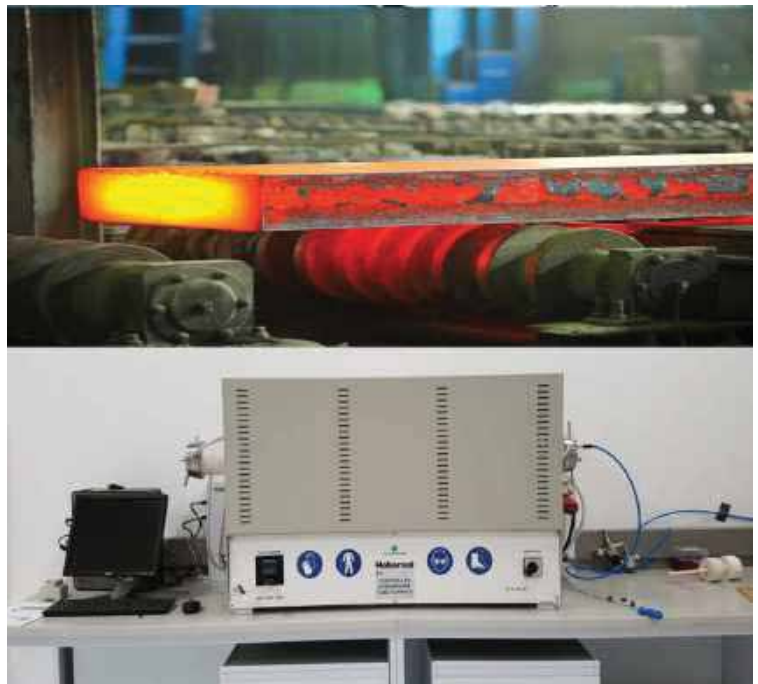


FORNS HOBERSAL SL is a Spanish company founded in 1946 as a manufacturer of ovens and stoves for laboratories and industry. The company has more than 68 years of experience in the manufacture of laboratory furnaces, and their extensive experience and professionalism has positioned them as a leading company and undisputed leader in the international market.

The partnership with Nesvax enables these premium furnaces to be accessed by customers in East Africa.

### Product Offering

- a) Muffle furnaces of up to 1900oC
- b) Tube furnaces of up to 1900oC  
Custom ovens.
- c) Crucible furnaces of up to 1900oC.  
Vacuum ovens.
- d) Heating plates of up to 600oC.  
Balance tables







Emergency showers and eyewashes provide water instantly as a first aid for the protection of people exposed to: fire, acids, reagents, radioactive materials and other contaminants in order to avoid serious or irreversible damage.

Since 1929, Carlos Arboles has been manufacturing laboratory taps and emergency showers and eye wash. All the products are manufactured under ISO 9001 for safety.

Nesvax partners with Carlo Arboles to offer laboratory safety solution to each and every lab in East Africa. The product portfolio includes laboratory taps, valves and outlets for fume hoods, pressure regulators, emergency showers and emergency eye wash. Carlos Arboles offers a choice of galvanized steel, stainless steel and plastic ABS.

The partnership will enhance safety and good laboratory practices for all our customers.

### Product Offering

- Laboratory Taps
- Valves and Outlets
- Pressure Regulators
- Emergency Showers / Eye Washers
- Emergency Showers
- Eye Washes



## TRUESCIENCE



Logging - Multi-view - Meter View - Calibration - Store Readings

Camlab are experts in the supply of laboratory equipment to a wide range of industrial, life science and water testing laboratories. We also supply to Scientists, Engineers and Consultants, in scientific research, quality assurance, water monitoring and testing of manufacturing processes. We add value to the products we sell by utilizing our experience and expertise and providing on-going application and technical support.

By partnering with Camlabs, Nesvax has access to a huge basket of premium equipment manufacturers such as 3M, Burkle, Ebro, Camlab Choice, Camlab plastics, Camlab filters, Miele, Omni, Techne, Macherey-Nagel, Shield Scientific, Electrothermal, Asura, Smeg Spa, Reagecon, Stuart Equipment, Loser, Brand GmbH, ErLab, Memmert and Kimberly Clark.

The partnership ensures there are no limits in laboratory solutions for Nesvax in East Africa.



Nesvax has partnered with Tekkim Kimya. Tekkim is a Turkish company that specializes in manufacture of different quality laboratory solvents, chemicals and reagents.

The products are suitable for use in various instruments such as Gas Chromatography systems, High Liquid Chromatography Systems, Mass Spectrometers, Atomic Spectrometers, Inductively Coupled Spectrometers etc

### **Solvents**

Analytical grade and high purity such as acetone, acetonitrile, methanol, hexane, ethanol, dimethyl ether, toluene, benzene, chloroform, high purity water for LCMSMS etc.

### **Chemicals & Reagents**

Adipic acid, aluminum hydroxide powder, aluminum oxide, Ammonium dichromate, ascorbic acid, barium nitrate, Benzaldehyde, benzoic acid, boric acid, calcium chloride, activated charcoal etc



# MILESTONE

H E L P I N G  
C H E M I S T S



Milestone was established in 1988 as the first specialized laboratory instrument manufacturer focusing on advanced microwave technology for sample preparation. Today we hold over 50 patents and have over 20,000 global users spanning across government, academic, contract, and manufacturing industries. Milestone has applications for academia, Cannabis research, Clinical, Consumer products, Environmental, food, metals, petrochemicals/ Energy, Pharmaceuticals and Polymers/Specialty chemistry.

## Product Portfolio

### a) Microwave Digestion

- i) Ethos Up.
- ii) Ethos Easy,
- iii) Ultra wave
- iv) Ultraclave.

### b) Clean Chemistry

- i) Sub PUR and Duo PUR.
- ii) SubCLEAN
- iii) Ultra trace.

### c) Mercury Analysis

- i) DMA-80 evo.
- ii) DMA-1
- iii) Milestone Connect.
- iv) Microwave Ashing
- v) Pyro High Throughput.
- vi) Pyro Sulphate ashing.
- v) Microwave Synthesis
- vi) Flexi wave.
- vii) Synth wave

## SK-15 APPLICATIONS



Agriculture



Beverage



Ceramics



Chemicals



Clinical



Cosmetics



Environmental



Food & Feed



Geochemistry



Metals



Petrochemical



Officials



Pharmaceutical



Pigments



Polymers

## MAXI-44 APPLICATIONS



Agriculture



Beverage



Environmental



Food & Feed



Officials



Pharmaceutical



## IQ,OQ and PV Product Portfolio

Nesvax Innovations has partnered with V-KITS Analytical to provide an Innovative IQ,OQ and PV solution- V-kit. V-kit is a unique independent analytical instrument qualification system for the OQ/PQ qualification of HPLC, GC, LCMS, GCMS and tablet dissolution instruments and processes. The system includes a family of products designed to fit all needs, from the smallest lab to the largest organisation.

There are many benefits, including time and cost savings of upto 80%

V-kit uses one standard approach – regardless of instrument manufacturer, so provides the potential of consistent performance across all your equipment on all sites.

- V-kit provides the potential for your lab technicians, usual service providers, or equipment users to perform qualifications.
- Control – you can define qualification protocols to meet your own requirements
- The user-friendly software, SOPs, and reference standards work seamlessly together
- Used correctly, V-kit can aid compliance to regulations issued by international authorities such as WHO, FDA (USA), MHRA (UK), IMB (Ireland)





# Major PROJECTS Commissioned

## Major Projects Commissioned

Over the past 13 years, Nesvax has been involved in sales, installation, commissioning and end user training on 214 instruments. Further to that, we have entered into various Service Level Agreement (SLA) for the same to ensure good after sales support

### Key Customers



#### 1) International Centre of Insect Physiology and Ecology (ICIPE)

Nesvax has partnered with ICIPE over the past 8 years in sales and support for key instruments in their Behavioural Chemical Ecology Department (BECD) and the trailblazing African Bee Health Centre.

We have provided a top of range Triple quadruple Liquid Chromatograph coupled to Mass Spectrometry (LCMS/MS) System, the only one of its kind in Africa outside of South Africa. Apart from the LCMS/ MS, we have provided them with two top of the range Gas Chromatography Coupled to Mass Spectrometry (GC/MS) Systems, six Gas Chromatography (GC) Systems and five High Performance Liquid Chromatography (HPLC) Systems for the African Bee Health Project in Kenya, Ethiopia, Burkina Faso, Liberia and Cameroon.



#### 2) Kenya Plant Health Inspectorate Services (KEPHIS)

KEPHIS is a critical partner for Nesvax, as the oversight body for phytosanitary compliance. We have had a long relationship with KEPHIS providing to the necessary tools to execute their mandate. We have provided them with one top of the range Triple Quadruple Liquid Chromatography Coupled to Mass Spectrometer (LCMS/MS), Inductively Coupled Plasma Coupled to Mass spectrometer (ICP-MS), Triple Quadruple Liquid Chromatograph Coupled to Mass Spectrometry (LCMS/MS) System for pesticide residue analysis, one Gas Chromatography Coupled to Mass Spectrometry (GC/ MS) System, one Gas Chromatography (GC) System, one High Performance Liquid Chromatography (HPLC) System and Atomic Absorption Spectrometer (AAS). We also provide all the technical support services and preventive maintenance for optimum uptime.



### 3) SGS-Kenya

Nesvax has had a long and fruitful relationship with SGS-Kenya. Through the partnership, SGS-Kenya has acquired some of the best equipment in Africa. We have provided to SGS a Triple Quadrupole Liquid Chromatograph Coupled to Mass Spectrometry (LCMS/MS) System, one Triple Quadrupole Gas Chromatograph Coupled to Mass Spectrometer (GCMS/MS) System, one Gas Chromatography Coupled to Mass Spectrometry (GC/MS) System for food safety tests and two Inductively Coupled Plasma Optical Emission Spectrometer (ICP/OES) and one Atomic Absorption Spectrometer (AAS) for elemental analysis.



### 4) Kenya Bureau of Standards (KEBS).

Quality control and assurance is critical to ensure that products that are imported or manufactured in a country meet the laid down specifications. To ensure KEBS has the capacity to do that, Nesvax provided one Triple Quadrupole Gas Chromatograph Coupled to Mass Spectrometer (GC/MS/MS), Two Inductively Coupled Plasma coupled to Mass Spectrometer System (ICP-MS) and Two Microwave Plasma Atomic Emission Spectrometer (MPAES), one Triple Quad 6460 Liquid Chromatograph Coupled with Mass Spectrometer (LCMS/MS), One 5110 Inductively Coupled Optical Emission Spectrometer (ICP/OES).



### 5) Government Chemists

Nesvax is proud to be associated with the new drive by the Government Chemist to strengthen its capacity to respond to the ever emerging challenges mainly in forensics, toxicology and crime. Towards that we have provided two state of the art one Single Quadrupole Gas Chromatography Coupled to Mass Spectrometry (GC/MS) systems to their laboratory in Mombasa and Nairobi.



### 6) National Quality Control Laboratories (NQCL).

Nesvax has had a long and very successful partnership with NQCL. We supplied and continue to provide technical support for nine of their High Performance Liquid Chromatography (HPLC) Systems. This has ensured unrivalled up-time and enabled them meet their mandate.



#### 7) Mission for Essential Drugs and Supplies (MEDS)

MEDS remains one of the most critical Partner for Nesvax in the pharmaceutical industry. We supplied and offer continuous technical support with six High Performance Liquid Chromatography (HPLC) Systems & and a Gas Chromatography System with Headspace sampler(GC-HS).



#### 8) FINLAY TEA

Finlay Tea have a UV-VIS Spectrophotometer and two a (High Performance Liquid Chromatography) Systems in their Quality control & Assurance laboratories. For close to eight years, Finlay has received technical support from Nesvax innovations Ltd for their equipment.



#### 9) POLUCON LABORATORY SERVICES

Polucon Laboratory Services and Nesvax have had along working relationship. In the process, Polucon has acquired three industry standard equipment i.e a Gas Chromatography Coupled to Mass Spectrometry (GC/MS), High Performance Liquid Chromatography (HPLC) and a Gas Chromatography (GC) and UV-VIS with fibre optic sampling system..



#### 10) Bureau Veritas (BV)

Bureau Veritas set up a state of the art laboratory in mombasa in 2014. Nesvax was instrumental in the process and provided a Gas Chromatography (GC) and a High Performance Liquid Chromatography (HPLC) System.



#### 11) MUMIAS SUGAR Company

Mumias sugar company acquired three Systems (Gas Chromatography {GC}, UV-VIS spectrophotometer and High Performance Liquid Chromatography (HPLC) for the methanol and sugar mill. Nesvax has been supporting them through repairs and preventive maintenance and training of end users.



#### 12) International Livestock Research Institute (ILRI)

ILRI have had two Agilent equipment procured about six years ago. The equipment (ion trap Gas Chromatography Coupled to Mass Spectrometry {GC/MS} and UV-VIS spectrophotometer) have provided unrivalled capacity in their research activities.





#### 13) Kenya Forestry Research Institute (KEFRI).

Nesvax and Agilent have been instrumental in supporting KEFRI's capacity and research activities in plants and other natural resources. We sold and support an Atomic Absorption Spectrometer (AAS) for their elemental analysis.



#### 14) British American Tobacco (BAT)-Kenya.

BAT Kenya has over the past 8 years used our specialized Gas Chromatography (GC) that support all the Quality Control and Assurance needs and a Compudil solvent delivery System. BAT recently took delivery of a new Gas Chromatography (GC) System for their new & upgraded testing laboratory. That is a vote of confidence in the brand and the after market support that they continue to receive.



East African Breweries Limited is a principal client of Nesvax. We provided an two Chromatography (GC) System with Head Space sampler to them in the first quarter of 2014. The equipment has provided seamless service for their processes over the years. Apart from that we have provided an three UV-Vis Spectrophotometer with fibre optic sampler



#### 16) KEROCHE BREWERIES

Keroche Breweries is our newest client (as of March 2015). We are proud to be part of their growth. We have provided an industry standard Gas Chromatography (GC) for their Quality Control and Assurance uses.

#### 17) SMALL SPIRITS MANUFACTURERS

Nesvax has provided a budget Gas Chromatography (GC) System for Quality Control and Assurance to small spirits manufacturers such as Biscept, Kennka and Wiseborn. The support has involved wet chemistry, software and application training for the end users.



#### 18) PWANI OIL

Pwani Oil in Mombasa has three (2 Gas Chromatography (GC) and 1 High Performance Liquid Chromatography { HPLC}). As Nesvax we have strived to offer technical support to the customer mainly when there is a break down.



#### 19) UNILEVER

Unilever Kenya acquired a High Performance Liquid Chromatography (HPLC) in January 2015. Nesvax provides the installation, commissioning and technical support.

# L'ORÉAL

#### 20) L'ORÉAL EAST AFRICA

L'Oréal East Africa an industry standards High Performance Liquid Chromatography (HPLC) System. The System has provided seamless service for the Product Development and Quality Control and Assurance purposes



## University of Nairobi

#### 21) UNIVERSITY OF NAIROBI

Nesvax has a had a long relationship with University of Nairobi. This has been on training and maintenance of two Gas Chromatography (GC) and High Performance Liquid Chromatography (HPLC) Systems that they possess. The equipment have proven to be robust and invaluable in their training and research activities.



## KENYA PIPELINE COMPANY LTD.

#### 22) Kenya Pipeline Corporation (KPC)

KPC has in use numerous Petroleum Analyzer Company(PAC) equipment. The latest purchase involved delivery of new generation Jet Fuel Thermal Oxidation Testing (JFTOT) IV equipment, eight (8) Freezing Point tester and eight (8) Abel flash point testers.



### 23) Intertek Kenya

Intertek Testing Services Kenya has recently acquired a High Pressure Liquid Chromatography (HPLC) System. The equipment will be supported by Nesvax Innovations Limited under a service level (SLA) agreement. They also have also taken delivery of Multitek from PAC



### 24) Kenya Medical Research Institute (KEMRI)

KEMRI has acquired two High Pressure Liquid Chromatography (HPLC) Systems in the past two years. As can be attested the equipment have been robust and meets their research needs. Apart from the above equipment, they have also taken delivery of a Cary 60 Uv-Vis, water purification system and an autoclave from Nesvax



### 26) Kenya Petroleum Refineries Limited

KPRL over the years has had numerous PAC equipment. These range from two (2) Reformulizers, Refinery Gas Analyzer (RGA), two (2) Jet Fuel Thermal Oxidation tester (JFTOT) III, Four (4) Distillation testers and several Flash Point testers.



### 25) Egerton University.

Egerton university has just purchased an a High Performance Liquid Chromatography System with two detectors. The equipment will be an excellent tool in their research and teaching workflow. In addition to the HPLC, The university recently acquired a Gas Chromatography System Coupled with Mass selective Detector (GCMSD).



### 27) Shell and Vivo Lubricants Kenya Ltd

Shell and Vivo Lubricants acquired a Karl Fisher tester. The tool will be useful in their laboratory workflows. Vivo Energy in Nairobi have 2 PAC Optidist Atmospheric Pressure Distillation testers from PAC.





#### 28) Nestle Kenya.

Nestle Kenya have a high performance liquid chromatography (HPLC) System. The equipment is for their quality control and assurance protocols. workflows. Vivo Energy in Nairobi have 2 PAC Optidist Atmospheric Pressure Distillation testers from PAC.



#### 30) Nairobi Technical Institute

Nairobi Technical Institute acquired a gas chromatography system coupled with a mass spectrometer (GCMS). The equipment is used in research and teaching.



#### 32) Strathmore University-CREATES Project

Strathmore University CREATES project has a liquid chromatography coupled with triple quadrupole mass spectrometer (QQ LCMSMS) and HPLC. The equipment are used in research and teaching.



#### 29) Crown Beverages-Uganda

Crown Beverages in Uganda has a gas chromatography system with a head space sampler. The equipment is for routine quality control and assurance analysis.



#### 31) Mining and Geology Department

The department of Mining and Geology laboratory in Nairobi procured a Fourier Transform infrared Spectrophotometer a couple of years ago. The equipment is for their routine laboratory tests.



#### 33) Siaya Technical Institute

Siaya Technical Institute acquired a gas chromatography system coupled with a mass spectrometer (GCMS). The equipment is used in research and teaching.



#### 34) Universal Corporation

Universal Corporation Limited (UCL) a pharmaceutical manufacturer has three(3) high performance liquid chromatography(HPLC) in its instal base. The equipment is for the both quality control and quality assurance for their products.



#### 36) Analabs Laboratories

Analabs have three equipment in their laboratories. The equipment includes two (2) high performance liquid chromatography (HPLC) systems and a newly purchased microwave plasma atomic emission plasma spectrometer (MPAES). The equipment are for their contract laboratories use.



#### 38) Osho Chemicals Limited

Osho Chemicals has four Agilent equipment; 2 high performance liquid chromatography(HPLC) systems. The equipment is used in the quality control and assurance for the product.



#### 35) Kenya Marine and Fisheries Research Institute (KEMFRI)

KEMFRI purchased inductively coupled plasma optical emission spectrometer (ICP-OES). The equipment is used for marine an ocean research applications.



#### 37) KENTEGRA BIOTECH

Nesvax equipped the entire laboratory at Kentegra Biotech. The equipment included a high performance liquid chromatography (HPLC) system, a UV-VIS spectrophotomer, sample prep equipment, fume hoods, water quality testing equipment etc.



#### 39) Aga Khan University Hospital

Aga Khan University Hospital acquired a gas chromatography (GC) system with head space. The highly specialized equipment is meant for research and quality control in the oncology department. Nesvax offers Technical Support to ensure optimum uptime and performance for the equipment



#### 39) Jomo Kenyatta University of Agriculture and Technology (JKUAT)

JKUAT Food Fortification Project purchased a Gas Chromatography coupled to a Mass Spectrometer (GCMS), a Hunterlab Colorimeter and two (2) UV-Vis Spectrophotometer.

The equipment are installed, commissioned and the users trained. The equipment will be used for teaching and research in the Food Science



#### Department of Veterinary Services

#### 42) Directorate of Veterinary Services (DVS).

DVS acquired two very specialized Agilent equipment for their research work. The acquisition was through a European Union funding. The equipment includes a liquid chromatography coupled to triple quadrupole mass spectrometer (QQQLCMSMS). Nesvax offers technical support to DVS to ensure little down time.



#### 44) Kenya Medical Supplies Authority (KEMSA)

KEMSA purchased a high performance liquid chromatography (HPLC) system and water purification System. The equipment is build the capacity of the quality control laboratory.



## KenGen

*Energy for the nation.*

#### 41) Kenya Electricity Generation(KENGEN) Company

KENGEN acquired three of our equipment in their Geology Laboratories in Olkaria-Naivasha.

The equipment are a gaschromatography(GC), customized gas chromatography(GC) and a microwave plasma atomic emission plasma spectrometer(MPAES). The equipment are used in their research and quality control applications.



#### 43) United States University in Africa (USIU)

USIU has in it's install base several Agilent equipment; These includes; high performance liquidchromatography(HPLC) system.



#### 45) Meridian Tobacco-Uganda

Meridian Tobacco uses a Gas Chromatography(GC). The equipment has lived to its billing as an industry workhorse Merian recently purchased the whole range of Claind gas generators; Hydrogen, Nitrogen and zero Air





#### 46) Chuka University

Chuka University Recently took delivery of a state of the art Triple Quadruple Agilent Inductively Coupled Plasma Mass Spectrometer (ICPMSMS). The equipment is Coupled to a Gas Chromatograph (GC) System.

The equipment is the only second one Africa. The equipment will strengthen the capacity of the university to undertake cutting edge research and testing equipment will certainly put Chuka University in the global map as a citadel of research.

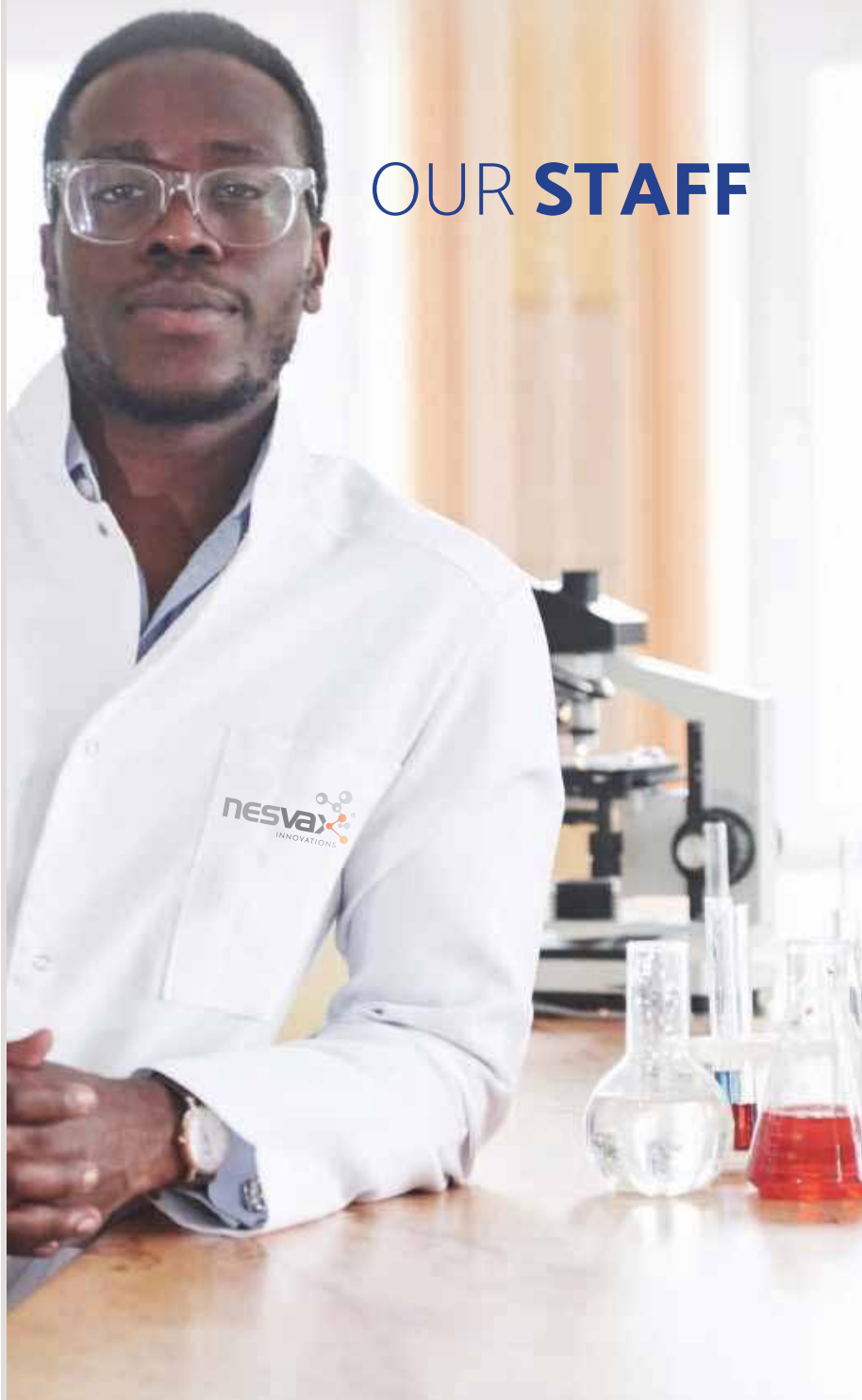


#### 47) Bulto Foods Limited

Nesvax in 2020 equipped in its entirety a new Microbiology laboratory at Bulto Foods Limited. The equipment ranged from Biosafety cabinets, autoclaves, centrifuges, water purification systems etc.



## OUR STAFF





**Sylvester Gule**  
Managing Director

Sylvester Gule is the Founder and Chief Executive Officer of Nesvax Innovations Limited. He oversees the strategic position and the day to day running of the Company. Sylvester holds a Bachelors of Education Degree (Chemistry and Physics) and graduate studies in Instrumentation and Business Administration.

Sylvester has hands on experience in specialized instrumentation having worked for 7 years in research and development at the International Centre of Insect Physiology and Ecology (ICIPE) in various capacities and projects. At ICIPE he trained and worked extensively with Chromatography, Spectroscopy and Life Sciences instruments. He has experience working with the following brands Waters HPLC and GC, Beckman HPLC, HP /Agilent GC, HPLC, MS etc, Varian-GC, HPLC, MS, AAS, ICP-OES, Thermo GC, MS, Sciex LCMSMS, Scion; GC, HPLC, GCMS and Analytik Jena UV-VIS, AAS, ICPOES and ICPMS.

He has undergone several Management training provided by the Supply Chain partners over the past 12 (Twelve) years in Kenya and abroad.



**Appolo Khama**  
Head of Spectroscopy  
Product and Services

Mr. Apollo Khama is the Service Manager at Nesvax Innovations Limited. He has worked with Nesvax for the past ten (10) years. Apollo is also a Shareholder at Nesvax Innovations Limited. He holds a Degree in Medical Engineering from Mount Kenya University Thika.

Before joining Nesvax Innovations, he worked in the service department at Nairobi West Hospital and Mbagathi Hospital. Apollo has undergone several factory training sessions in Chromatography, Spectroscopy equipment i.e. HPLC, GC, LCMSMS, AAS, ICP-OES, UV-Vis Spectrometer etc. hands on training in South Africa and locally and has also undergone Factory training in Oxford Instruments products and Peak Scientific Laboratory Generators both in the UK.

Apart from the factory training, he has undergone numerous training programs locally and abroad on instrumentation. Apart from the above, Apollo has had extensive training with PAC on Oil and Gas products that include Physical Properties, Chromatography and Spectroscopy products.

the training has been done at the PAC Factories in Germany and Netherlands.



**Ms Ruth Mwikali**

Head of Administration

Ruth is in charge of Administration and Human resources. She is also a shareholder at Nesvax Innovations Limited. Ruth has worked with Nesvax for 11 years.

She holds a Bachelor of Education Arts Degree from Kenyatta University. She has previously worked with the Leaders Institute of journalism and legal Studies. She is in charge of Administration and Human Resources Development.



**Nancy Akoth**

Accounts Assistant/  
Credit Controller

Nancy is an accounts Assistant at Nesvax Innovations Limited. She has worked with Nesvax for the past five years. She holds a Degree in Bachelor of Commerce (Finance Option) from Masinde Muliro University of Science and Technology.

She provides administrative and accounting support to the company.





**Whitney**

Technical Sales Associate

Whitney is a Technical Sales Associate at Nesvax Innovations Limited. She is responsible for the microbiology line of products that Nesvax offers.

Equipped with a Bachelor of Science degree in Natural Resources Management degree from Chuka University, she brings in in depth expertise to the Nesvax team with the aim of serving clients particularly in the food industry as well as pharmaceutical industry.



**Victor Kantontwo**

Field Service Engineer

Victor is Field Service Engineer at Nesvax Innovations Limited. He has worked with Nesvax for Five years. Victor is a product of Nesvax internship program.

He holds a Bachelors Degree (Second class Honours Upper Division) in Microprocessor Technology and Instrumentation (Biomedical and Radiometric instrumentation Option) from University of Nairobi. Over the past two years Victor has earned experience servicing and repairing High Performance Liquid Chromatography Systems, Gas Chromatography Systems etc.

Victor worked with Darlberg Research as data collector and a supervisor in various projects both qualitative and quantitative research prior to joining Nesvax Innovations Limited.



**Robert**  
Sales Engineer

Robert is a Sales Engineer at Nesvax Innovations Limited. He underwent a successful internship at Nesvax before a substantive appointment.

Robert is a Bsc. Control and Instrumentation graduate and has further specialized in Management Systems, Quality, Risk, Metrology, and Laboratory Instrumentation.

He has served in the electrical & electronic, manufacturing and processing industry and is a certified ISO/IEC 17025 practitioner. He attends to sales, service, repairs and calibration needs that arise from our clients.



**Jeptum Kipkech**  
Application Chemist.

Jeptum is an Applications Chemist at Nesvax Innovations Ltd. She is worked with Nesvax for six years. She is responsible for the company's training programs.

She holds a Masters degree in Chemistry with Industrial Experience from the University of Manchester. She has previously worked with Agilent Technologies as a technical sale for the Chemical Analysis Group in United Kingdom.

Jeptum has had advanced and intensive training with Agilent, Sciex and Analytik Jena.



**Phillip Tata**

Field Service Engineer

Tata is a Field Service Engineer at Nesvax Innovations Limited. He has worked with Nesvax for six years having joined under the Nesvax internship program.

He holds a Bachelors Science Degree in Microprocessor Technology and Instrumentation with specialization in Bio-medical and Radiometric Instrumentation from the University of Nairobi.

Phillip has had factory training in Germany with Petroleum Analyzer Company (PAC) in most of the products and Netherlands.

Apart from that he has had training on Chromatography and Spectroscopy Equipment.



**Abraham Rono**

Team Leader  
Hach Products

Abraham is a Technical Sales Associate at Nesvax Innovations Limited. He has worked with Nesvax for 5 years. He joined Nesvax Innovations Limited in February 2017 having graduated with a Bachelor of Science Degree in Analytical Chemistry from University of Eldoret. He is responsible for chromatography and Spectroscopy products segment. Over the period he has undergone intensive product training locally and in the factory that equips him with the skills to sale and provide aftermarket support to the customers.

Abraham is responsible for Sciex product line. Apart from that he is assists with Scion and Analytik Jena product lines.



**Samuel Maloba**  
Technical Sales Associate

Samuel is a Technical Sales Associate at Nesvax Innovations Limited. He has worked with Nesvax for 1 year. He is also a successful graduate of the internship program. Samuel holds a Bachelors degree in Chemistry from the University of Nairobi.

Samuel joined Nesvax after undergoing Nesvax's internship and training Programme and has had product and sales training sessions to equip him with skills to sell and provide after sales support to the customers.



**Rene Oswere**  
Digital Sales associate

Rene is the Digital Sales and Marketing Associate at Nesvax Innovations Ltd. He has worked with Nesvax for 2 years. He is a Bachelors of arts in Electronic Media graduate from Daystar University. He has been responsible for setting up and managing all the digital marketing campaigns as well as expanding the digital footprint of Nesvax in the region. He ensures quality customer engagement to ensure clients receive solutions promptly through easy connection to Nesvax' team of experts.



COMPANY

# PROFILE



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