

## Buyers Guide 2023



### CAPE TOWN

Tel: +27 (0) 21 592 5240 | Fax: +27 (0) 21 592 5048  
21 Vasco Boulevard | Goodwood | 7460

### JOHANNESBURG

Tel: +27 (0) 11 795 1900 | Fax: +27 (0) 11 795 1942  
Unit 4 Eagle Mini Factories | 167 Vooraadskip Str  
Honeydew Ridge | Johannesburg

### DURBAN

Tel: +27 (0) 31 206 0930 | Fax: +27 (0) 31 206 0917  
70 Hannah Road | Congella | 4013

### BOTSWANA

Cell: +267 77 570 440  
Plot 31507 | Gaborone North | Botswana

### PORT ELIZABETH

Tel: +27 (0) 41 364 0826 | Fax: +27 (0) 86 762 7596  
Unit 2 | 46 King Edward Street | Newton Park  
Port Elizabeth

### DRC - Costa Mukuna

Cell: +24 382 0151 582 | Fax: +27 (0) 86 151 284  
Avenue Kilwa | No. 7777 | Lido Golf | Reference  
Conner of Avenue Ruwe & Avenue Kilwa  
Lido Golf Police Station

[info@united-scientific.co.za](mailto:info@united-scientific.co.za)  
[www.unitedscientific.co.za](http://www.unitedscientific.co.za)



# UNITED SCIENTIFIC

We make Science Easier.

## Life Science Division



**Bellingham  
+ Stanley**

### Product Range Includes:

- Laboratory Refractometers
- Polarimeters
- Handheld refractometers



### Applications:

- Pharmaceutical
- Chemical
- Food
- Research

# KERN

Large selection of high-end Precision, Analytical balances, Laboratory & Industrial scales and weights.



### Product Range Includes:

- Basic Balances
- Laboratory Balances
- Industrial Scales
- Components
- Medical Scales
- Test Weights
- Measuring Instruments

### Applications consisting of:

- Laboratory
- Food
- Medicine
- Education, etc.

# SI Analytics

a xylem brand

Simplicity without sacrificing accuracy or features

- High visibility, full colour display that can be easily viewed from a distance and at extreme angles.
- Reagent data is securely stored in the intelligent and interchangeable modules.
- Touch keypad interface for error free operation.
- Versatile and flexible for a variety of applications.



# IMPLEN

Implen is a leading supplier of spectroscopy instruments and consumables for non-destructive analysis of low volume samples.

### Implen focuses on:

- Biological
- Chemical
- Pharmaceutical laboratories in industry and research.

### Product Range Includes:

- NanoPhotometer C40
- NanoPhotometer N60/N50
- NanoPhotometer NP80
- NanoPhotometer N120



# ZEUTEC

ZEUTEC provides its customers with a wide range of products for near – infrared (NIR) spectroscopy. In addition to flow cells, light sources and software packages the "SpectraAnalyzer" spectrometers are manufactured in ever greater numbers.

### Industry Range Includes:

- Grain
- Wine
- Spirits
- Food
- Flour
- Dairy
- Beer
- Olive



**Sherwood**

### Industry Range Includes:

- Agriculture
- Baking
- Brewing and Beverages
- Food Manufacture
- Cement Manufacture
- Chemicals Manufacture
- Metallurgical Analysis
- Mineralogy
- Mining
- Oil Industry
- Pharmaceuticals
- Water Industries

### Product Range Includes:

- Magnetic Susceptibility Balance
- Model 501 Fluid Bed Dryer
- Flame Photometer
- Colorimeter
- Chloride Analyzer





## Life Science Division

**Asynt**

Reducing laboratory water consumption using our waterless air-cooled CondensSyn units which will not only help save the environment but also reduce the risk of lab floods and save you money. In addition, we also offer a diverse range of highly effective water circulators.

**Key product lines available in addition to the DrySyn and CondensSyn ranges include:**

- Fully-customisable ReactoMate jacketed reactor systems.
- High pressure reactors.
- fReactor.
- Illumin8: parallel Photo Chemistry reactor.



Equipment for water and wastewater analysis.

**Applications consisting of:**

- Waste Water – Municipal & Industrial
- Research Institutes (microbiology), etc.

**Product Range Includes:**

- BOD-Measurement
- Comparator
- Flocculation Tester
- Hand-Held pH Meters
- Photometer
- Rapid Tests
- Reagents
- Temperer
- Turbidity Meters



**pyroscience**  
sensor technology

PyroScience GmbH is one of the world's leading manufacturers of state-of-the-art optical pH, oxygen and temperature sensor technology for industrial and scientific applications, which is used in particular in the growth markets of environment, life science, biotechnology and medical technology.

The application areas range from deep-sea research to space exploration. We offer plug-and-play solutions for laboratory and underwater usage.

Beside this, PyroScience offers smart OEM solutions and is renowned as a strong OEM partner for industrial customers. All instruments and sensor heads are developed, designed and produced in-house.



**Uvidoc HD6 - All-in-One Gel Documentation System**

**UVITEC**  
CAMBRIDGE

Ideal image acquisition platform for all DNA/RNA and protein gels such as EtBr, GelRed, GelGreen, SYBR, SYPRO, Coomassie Blue or Silver-stain samples:

- Take benefit of an outstanding resolution of up to 6-mpx to turn your samples into beautiful, sharp images.
- Enjoy 16-bit imaging and collect up to 65,535 shades of grey for optimal quantification results.
- Use default acquisition protocols or create, modify and customize your own as you please.
- Get perfectly-exposed pictures in no time with the fully-auto 'one-touch' acquisition mode.



**MBS**

Lab in a Vial  
Microorganism Detection

- Analyse samples without any pre-treatment
- Complete process control by software
- Multi parameter analysis at same time
- Only 1 g or 1 ml sample is needed, no dilution is required
- No true/false concept
- 100% Quantitative
- LOD is 1 cfu/ml or 1 cfu/gram etc.



**euromex**  
microscopes holland

Manufacturer of microscopes and other optical instruments.

**Product Range Includes:**

- Upright Microscopes
- Stereo Microscopes
- Phase Contrast Microscopes
- Inverted Microscopes
- Fluorescence Microscopes
- Polarization Microscopes
- Dark Field Microscopes
- Digital Solutions, etc.

**Applications Includes:**

- Education
- Universities
- Life Science
- Industry







# UNITED SCIENTIFIC

We make Science Easier.

## Life Science Division



Snijders Ultra Low Temperature Freezers and Climate Chambers for Scientific and Industrial use which includes a range of Cooling and Freezing Systems (Upright, Chest Freezers and Refrigerators ranging from -45°C to -86°C), scientific incubators and Growth Chambers.

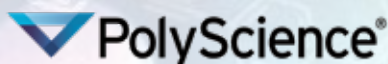


## LIEBHERR



Refrigerators and freezers for use in the laboratory and in research have to meet very stringent requirements, especially with regard to safety and temperature consistency.

Liebherr appliances are therefore equipped with many functions and features to ensure optimum storage of sensitive samples, critical chemicals and research materials. The precise electronic controller enables accurate temperature setting and creates optimum storage conditions in conjunction with highly effective insulation and the dynamic cooling system. Integrated visual and audible alarm systems warn the user of undesired temperature deviations.



Leading producer of constant temperature control equipment.

### Product Range Includes:

- Circulating Baths
- Specialty Products
- General Purpose Water Baths
- Chillers & Coolers
- Low Temperature Coolers
- Fluids & Accessories
- Line Cords

### Applications Includes:

- Laboratory
- Chemical
- Medical
- Industrial
- Plastics



Omni International who manufactures and distributes multi sample laboratory homogenizers, ultrasonic cell disruptors and tissue grinders with applications in animal, human, cellular, plant, food and chemistry.

### Product Range Includes:

- Rotor-Stator Homogenizer
- Ultrasonic Cell Disruptors
- Manual Tissue Grinders
- Bead Mill Homogenizer
- Nucleic Acid Extraction Kits
- Omni Tips / Disposables
- Accessories & Replacement Kits



We offer Anaerobic chambers, water baths, laboratory & industrial ovens, and incubators that are as innovative as the industries that use them.

### Product Range Includes:

- Anaerobic Chambers
- CO2 Incubators
- Lab Armor
- Shaking Incubators
- Vacuum Ovens
- Water Baths

### Applications consisting of:

- Industrial
- Clinical
- Laboratory



The specialist for bioreactors, incubation shakers and bioprocess control software to create reliable and efficient fermentations.

### Applications consisting of:

- High density microbial culture
- Cell culture
- Biofuels
- Photosynthetic organisms
- Multiple parallel culture

### Product Range Includes:

- Benchtop Bioreactors
- Pilot Bioreactors
- Solid State Bioreactors
- Benchtop Shakers
- Incubation Shakers





## Life Science Division

### SP VirTis

#### Freeze Drying Equipment and Lyophilizers

Combined with FTS Systems, the SP Scientific freeze dryer group of products and services is one of the most technically innovative and superior freeze drying manufacturers today.



#### Product Range Includes:

- Bench Top Lyophilizers
- Clinical and Production Freeze Dryers
- Floor Model Manifold Freeze Dryers
- Floor Model Tray/Pilot Lyophilizers
- General Purpose Freeze Dryers

### SP Genevac

#### Genevac – Evaporation pure and simple.

An industry leader by partnering with customers to understand the obstacles involved in using centrifugal evaporation/concentration systems.



#### Product Range Includes:

- HT Series
- EZ-2 Series
- Rocket Series
- miVac Sample Concentrators

### SP Hull

#### Freeze Dryers and Lyophilizers

Hull, an SP Scientific brand, designs, fabricates and assembles sophisticated pilot and production freeze dryers, lyophilizers, and associated lyophilization process sub-components under an ISO 9001:2015 registered quality management system.

Hull supplies freeze drying equipment to the pharmaceutical, biotechnology, diagnostic and veterinary markets.

#### Product Range Includes:

- Clinical & Production Lyophilizers
- Lyo Renewal & Resales
- Autoloading Systems
- Freeze Drying Process Sub-Systems
- Parts/Service
- Patents



### SP i-Dositecno

#### Advanced Aseptic Pharmaceutical Processing Equipment

SP i-Dositecno, part of SP, one of our synergistic collection of well-known, well-established and highly regarded scientific equipment brands — to create one of the largest and most experienced companies in complete aseptic fill-finish production lines, freeze drying/lyophilization, centrifugal evaporation and concentration, temperature control/thermal management and controlled environments.



#### Product Range Includes:

- Vial Washers
- Depyrogenation Tunnels
- Aseptic Fillers
- Capping Machines
- External Vial Washers
- Trayloaders

### SP FTS

#### Low Temperature Cooling Systems & Equipment

Systems are available with contact, fluid or air cooling mediums with a wide variety of temperature ranges and heat load capacities. Equipment designed to service the aerospace, semiconductor, tissue freezing, charpy, automobile testing, and medical device industries -- to name a few.

#### Product Range Includes:

- Air Stream
- Controlled Rate Freezer
- Immersion Probes
- Low Temperature Baths
- Recirculating Chillers
- Traps



### orto alresa

About centrifugation

Manufactures Centrifuges for general and specialized applications such as small, microcentrifuges, universal, high capacity and floor standing.

#### Product Range Includes:

- Autoclaves & Distillers
- Ball Milling Equipment
- Centrifuges
- Lab Sieve Shakers

#### Applications Includes:

- Biotechnical
- Research
- Environmental
- Industrial Laboratories





## Life Science Division



**Complete cleaning solutions**  
Known for its future thinking and long-standing relationships with highly satisfied clients.



**Product Range Includes:**

- PEROXYSAN • PRO41 • ALKALIN • SURFISAN
- CHLOR 4F • WIPEOUT



CPAchem is a Bulgarian-French company, found in 2001 when it invented the custom-made standards, prepared to specific customer requirements.

We are specialists in manufacturing of the following product lines:

- Inorganic Certified Reference Materials - solutions and high-purity compounds for AAS, ICP, ICP/MS & IC
- Organic Certified Reference Materials - solutions and substances for GC, GC/MS, LC, LC/MS
- Pharmacopoeia Products
- Analytical Certified Reference Materials



THINKY has consistently led the way forward for our industry as the pioneer of planetary centrifugal mixers.

**Product Range Includes:**

- Thinkymixer (Non Vacuum)
- Thinkymixer (Vacuum)
- Thinkymixer (Non vacuum) Solder Paste Mixer
- Syringe Charger
- Nano Premixer



**Fast Uniform Mixing**

Completely Uniform Mixing, Dispersion, and Deaeration in minutes!

Learn more about our mixers.



**DR OXY 600 Vaporised Hydrogen Peroxide Sterilizer**

Our technology settles in an even layer on all surfaces, horizontal, vertical, and upside down, reaches into, under, and over obstacles that regular spray applications/conventional cleaning cannot, ensuring complete and deep disinfection, it penetrates cracks and seams that droplets are too large to penetrate, resulting in complete disinfection.

- Local Innovative Technology Manufactured in RSA
- Robust
- Flow rate : 15m/s
- Fitted with Casters and Push Handle
- IEC Approved and Certified
- No Human Presence
- No Wiping



**Financing Solutions Designed for Professionals, by Professionals**

Healthcare practices, clinics and hospitals should be equipped with the latest medical equipment, supplies and accessories to offer professional service of the highest standards.

From hospitals looking to upgrade and modernise their equipment, to growing practices wanting to increase the standard of their services with additional medical assets, Merchant West has a financial solution for everyone. We provide various financing solutions which can be tailored for hospitals, private practices, dental practices, and more.

**Advantages of Rental**

- Rental payments are fully tax deductible.
- Conserve Cash, pay for equipment over a period of time.
- Easier to budget, as rentals are worked out in advance.
- Stay ahead of the technology curve, by upgrading more frequently and eliminate the risk of obsolescence.
- Contract flexibility.
- Enhance management efficiency.
- Flexible end of term options, etc.





# UNITED SCIENTIFIC

We make Science Easier.

## Analytical Division



**United Scientific is now the agent for Presi Metallography Equipment.**

PRESI it's 50 years of experience in the field of metallography. The quality of services of PRESI is identifiable at conception.

### METAL CUTTING

A reliable, robust and versatile cut-off machine. MECATOME T260 provides maximum flexibility and rapid set up through the provision of an easily accessible cutting table that allows quick sample clamping in either the vertical or horizontal plane with the provided vises.



## HITACHI



A leading provider of high technology tools and systems for industry and research, is one of the world's leading suppliers of ED-XRF analysers, Optical Emission Spectrometers and LIBS Spectrometers.

### Product Range Includes:

- Benchtop Analysers
- Floor Standing Analysers
- Handheld Analysers
- Mobile / Portable Analysers
- Vulcan Expert

### Applications consisting of:

- Mining & Minerals
- Scrap Metal
- PMI
- Jewellery
- Chemicals & Oils, etc.



High production efficiency and quality by performing flawless tests with quality machines. Composite material manufacturers, plastic-tire manufacturers, iron-steel manufacturers, automobile parts manufacturers, spring manufacturers, defense industry parts manufacturers, chemical manufacturers, medical equipment manufacturers.

### Applications consisting of:

- Aggregate Testing
- Asphalt
- Bitumen Testing
- Cement
- Concrete
- Material Testing
- Rock Testing
- Soil Testing
- Wood Testing



**Plasmion**  
simple smart sensitive

Plasmion is all about the real time analysis of Volatile Organic Compounds (VOCs) or simply smell in the air - be it to simplify laboratory analysis or to enable industrial applications.

The development of a novel ionization technology for mass spectrometry, which enables to transform each off the shelf mass spectrometer into an "electronic nose" or rather VOC sensor. The sensor makes it possible to analyze VOCs or simply smell in ambient air. It thus drastically simplifies and improves classical chemical analysis in the laboratory environment and revolutionizes the laboratory market.



**EQUILAB**

The Equilab brand units have been devised to meet the highest quality standards in the preparation of samples. They are specially manufactured to withstand long working hours with minimal maintenance.

### Product Range Includes:

- F Series Induction Fluxer Unit
- EqM-402 Ball Mixer Mill
- EQR-100 Vibratory Disc Mill
- EQP-1 Manual Pellet Press
- EQP-100 Pellet Press
- EQP-200 Pellet Ultrapress
- EQH-3.0 Induction Heater
- MultiEQP-100 Metallic Samples Processing System



TSHR International offers a range of combustion elemental analyzer solutions to perform accurate, fast and easy Total Nitrogen Analysis (TN) in liquids, solids and LPG/Gas samples.

The TN6000 can be extended with Sulfur and Chlorine modules to offer maximum capability of TN/TS/TX analysis within a single analyzer.

### Product Range Includes:

- TSHR 6000 Series
- TSHR 7000 Series
- TSHR Autosamplers
- TSHR 1800

### Applications Includes:

- Petroleum
- Refinery
- Chemical Industry





## Analytical Division



Linetronic Technologies has a vast and complete range of manual and semi-automatic analytical instruments for petroleum testing.

**Product Range Includes:**

- Automatic Analysers
- Manual and Semi-automatic Analysers

**Applications Includes:**

- Power Plants
- Food Industry
- Pharmaceutical Industry
- Producers of additives
- Storehouses of oils and lubricants
- Laboratories for control of vegetable oils and greases
- Research laboratories of petroleum companies, etc.



PSL Rheotek specialises in measuring the viscosity of petroleum products, polymers & pulp in accordance with international methods.

**Product Range Includes:**

- Glass Viscometers
- Viscosity Standards
- Baths and accessories
- Automated Viscometers

**Applications consisting of:**

- Petroleum
- Polymers
- Pulp
- Inks



Spectrum Instruments provides innovative solutions and services for users of analytical systems and methods.

**Product Range Includes:**

- Atomic Absorption Spectrometer
- VIS Spectrophotometer
- UV-VIS Spectrophotometer
- Microwave Digestion
- Digestion Heating Block

**Applications consisting of:**

- Chemical Research
- Education
- Food Safety
- Pharmacy/Medicine
- Industrial Applications
- Chemical Analysis



SOL instruments is an innovation-focused Belorussian manufacturer of technologically advanced instruments for optical and photometric measurements, elemental analysis and nano-scale microscopy.

**Manufacturing facilities, research and analytical laboratories:**

- High level up-to-date technologies
- Precise finishing and CNC automatic machines
- Optical coating equipment; Electronics (circuit wiring) & Assembling
- Research & Development; high-technology research and analytical laboratories



## Technical Service Department

We offer a full Calibration and Validation service to Pipettes, Balances and Centrifuges. All our instruments are Calibrated and Certified to ensure the test results are correct. We also offer Validation, Calibration and Certification on Ultra Low Freezers ( -20°C to -80°C), Fume Cupboards, BioSafety Cabinets, Laminar Flow Cabinets, Hospital Theatres and Clean Rooms. All validations come with a certificate and our engineers are fully trained & qualified.

**Workshop Department:**

- Service of Laboratory Equipment
- Calibration of Laboratory Equipment (SANAS traceable)
- Repairs to Laboratory Equipment
- Decontamination of Laboratory Equipment
- Temperature Mapping / Verification of Ultra Low Freezer
- Service of Refractometers, pH Meters and Autoclaves (Temperature and Pressure)



United Scientific (Pty) Ltd is proud to announce that we have achieved ISO17025/2017 SANAS accreditation in the fields of mass and volume.

We can issue SANAS certificates for Balances, scales, pipettes, and mass pieces. (Weights)

