



**LABOTEC**

Your Partner in Science & Technology

# LABOTEC PRODUCT OVERVIEW

Laboratory Equipment

**QUALITY LABORATORY EQUIPMENT, SOLUTIONS AND  
TECHNICAL SERVICE TO ACCELERATE SCIENCE TOGETHER**

# GROW NURTURE EVOLVE



## SCIENCE IS A JOURNEY.

A journey to continuously **grow**, **nurture** and **evolve**. We are passionate about **working side by side** with our stakeholders to understand challenges and **make a difference** towards better **health, well-being**, and a **cleaner environment**.

### INDUSTRIES:

PATHOLOGY, HEALTHCARE, MEDICAL RESEARCH, MOLECULAR BIOLOGY, PHARMACEUTICAL, FOOD & BEVERAGE, AGRICULTURE, INDUSTRIAL AND ENVIRONMENTAL SCIENCES

### BRANCHES

- CAPE TOWN
- DURBAN
- MIDRAND
- KENYA

### Labotec - Quality Laboratory Equipment & Technical Support in sub-Saharan Africa

Established in 1960 as one of the first laboratory supply companies in South Africa, Labotec have partnered with some of the worlds leading quality brands to help empower laboratories and manufacturers make more accurate diagnostic decisions, advance research

methods and results and improve production performance. Labotec technical support offers after-sales services on all our products to ensure that clients receive true value from their investment to operate effectively, efficiently and economically.



# LABORATORY BRANDS & PRODUCTS

## Bionavis

- Multi-Parametric Surface Plasmon Resonance
- Biomolecular Interaction Analysis
- Molecular Kinetics
- Pure kinetics
- Layer Thickness
- Refractive index
- Optical dispersion



## Buchi

- Rotavapor systems
- Glass Ovens
- Spray dryers
- Encapsulation
- Melting point
- Chromatography
- Parallel synthesis
- Digestion units
- Steam Distillation/ Kjeldahl
- Extraction equipment
- Supercritical fluid chromatography (SCF)
- Near Infrared Spectroscopy (NIR)
- Freeze dryers
- NIR-Online Process Analysers



## Ebro

- Data loggers
- Thermometers
- Hygrometers
- Salt meter
- Food oil monitor
- Food Inspection case



## Elcold

- -20°C to -45°C chest freezers
- -20°C to -70°C chest freezers



## Elga Veolia

- Water purification systems
- Deionizers
- Water stills
- Ultra Pure water systems
- Clinical analyser water systems



## Erlab

- Ductless fume hoods
- Ductless storage cabinets
- PCR enclosures
- Disposable glove boxes
- Halo laboratory air purifier and air sensors
- Clean air enclosures
- Weighing enclosures



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## Fritsch

- Mills
- Pulverisers
- Knife mills
- Laser particle sizers
- Sieve shakers / sieves
- Sample dividers



**FRITSCH**

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## Fischer Scientific

- Glassware
- Plasticware
- Vortex Mixes
- Mini centrifuges
- Bottle top dispensers
- Stirrers and mixers
- Homogenisers
- Sonicators
- Timers and stopwatches
- Heating mantles



**F** Fisher Scientific

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## Hettich Lab Technology

- Centrifuges
- Cell washing systems
- Incubators



**Hettich**

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## Hirayama | Prestige Medical | Laboclave

- Benchtop autoclaves
- Floorstanding autoclaves
- Pharmaceutical autoclaves
- Hospital autoclaves



**HIRAYAMA**

**Prestige Medical**

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## Integra

- Electronic pipettes
- Liquid dispensers
- Media preparation and petri dishes, tubes and bottle pouring systems
- Manual pipettes
- Aspiration systems
- Pipette controllers
- Pipetting robots



**INTEGRA**

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## Julabo

- Heating & cooling circulators
- Recirculating coolers / chillers
- Water baths
- Shaking water baths
- Dynamic temperature control systems / process systems



**Julabo**

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## KNF

- Metering pumps
- Chemically resistant diaphragm liquid pumps
- Diaphragm vacuum pumps and compressors
- Diaphragm chemical resistant vacuum pumps
- Vacuum system



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## Labotec

- Ovens
- Incubators
- Shaking incubators
- Low-temperature incubators
- Water baths
- Industrial ovens
- Industrial incubators
- Hot Plates
- Heating Blocks
- Shaking water baths
- Growth chambers
- Trolleys
- Platform shakers
- Steam baths
- Riffle splitters
- Ultrasonic cleaners
- Overhead & magnetic stirrers
- Desiccators
- Waterstills
- Horizontal Laminar Flows



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## Labotec Filtration

- Filtration systems
- Filter paper
- Membrane filters
- Syringe filters



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## Labotec Precision Balances

- Analytical balances
- Precision balances
- Bench-top scales
- Moisture analysers



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## Labotec Precision Furnaces

- Ashing furnaces
- Muffle furnaces
- Fibre Chamber furnaces
- Ceramic Chamber furnaces



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## Labocool

- General purpose fridges



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## Miele Professional

- Laboratory & industrial glassware washers
- Glassware washer professional detergents



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## MR Solutions

- Imaging Systems
- MRI Spectrometers for clinical MR systems



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## Novasina

- Air humidity and temperature measurement systems
- Differential pressure measurement systems
- Water activity measurement instruments



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## Parr

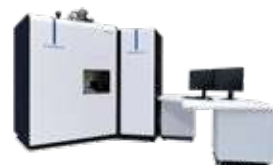
- Pressure reactors and vessels
- Cell disruption vessels
- Tubular reactors
- Hydrogen apparatus
- Sample preparation vessels
- Fluidized bed reactors



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## Physical Electronics

- Chemical surface analysis
- X-ray Photoelectron Spectroscopy (XPS)
- Auger Electron Spectroscopy (AES)
- Time-of-flight Secondary Ion Mass Spectrometry (TOF-SIMS)



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## Telstar

- Freeze dryers



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## Thermo Fisher Scientific Bioproduction

- Single-use fermenters
- Bioreactors; mixers
- Rigid & flexible containment solutions
- Gibco cell culture for bioprocessing
- Containment & impurity QC testing
- Purification Solutions
- Solutions for Pharma Analytics



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## Thermo Scientific

### Forma Freezers & Fridges

- Forma ULT & LN<sub>2</sub> freezers
- Forma CO<sub>2</sub> incubators
- Forma fridges



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## Thermo Scientific

### Orion Electrochemistry Systems

- pH, conductivity, dissolved oxygen, ISE meters, turbidity, COD, water analysis spectrophotometers.
- Automated titrators
- Inline Process Analysers



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## VAT

- Vacuum valves (gate and control)



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## VWR

- Thermal cyclers
- Restriction enzymes
- Gel imaging solutions
- Gel electrophoresis
- Molecular workflow reagents & consumables
- Microscopes
- Slides
- Filter Paper



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### Weiss Technik

- Growth chambers
- Environmental test chambers
- Stability chambers
- Stress screening
- Heat testing
- Pharma + Automotive compliance
- Vibration chambers
- Radiation chambers
- Walk-in chambers
- Corrosion chambers
- Battery testing



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### WTW

#### Water/field measuring instruments

- pH, conductivity, dissolved oxygen, BOD, COD, turbidity, water analysis spectrophotometers
- Refractometers
- Density Meters
- Polarimeters



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### YD Diagnostics

- Easy Prep - Fully automated LBC processor
- Urine chemistry analyser



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### ZYGO

- 3D Optical surface profilers
- Laser Interferometers



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## Labotec Technical Services

Labotec Technical Services is an accredited technical service agent for local and international equipment manufacturers. We offer a comprehensive repair and maintenance programme to keep our equipment performing at maximum efficiency. Our factory-trained and certified field engineers are expertly trained to install, commission, identify, isolate, and resolve most technical issues.

From flexible service plans to training and certification, we offer the following customised service solutions.

- On-site service and repairs
- In-house service and repairs
- Preventative maintenance and service agreements (for specific equipment)
- Installation, Operator Training, and Software updates
- Calibration or validation services
- Customised safety files

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