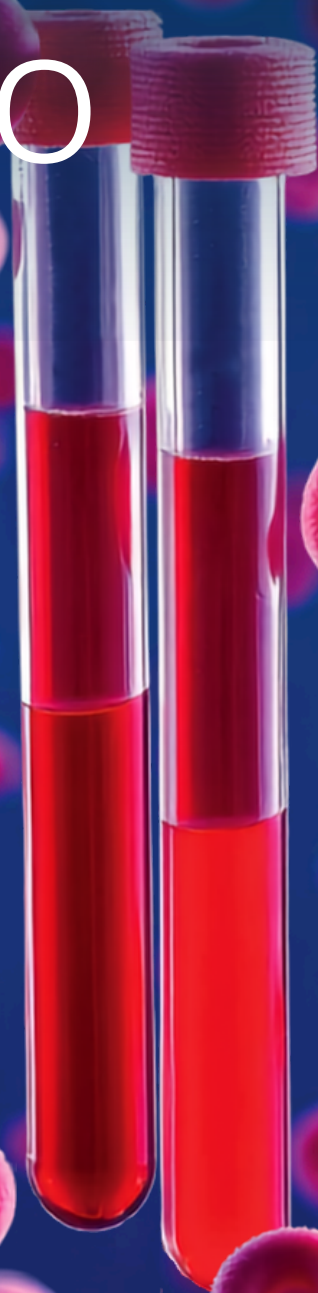
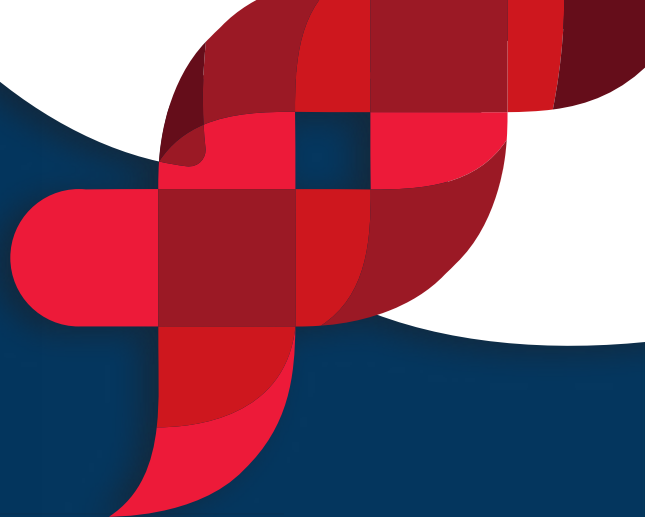




The
Scientific
Group

CLINICAL PORTFOLIO



BECAUSE **LIFE** MATTERS...

Tel: +27 11 568 9047 | Email: sales@scientificgroup.com

Horiba Medical

HORIBA
Medical

Hematology Analyzers

Semi and Fully Automated
Hemostasis System



Yumizen H560



Pentra 80XL



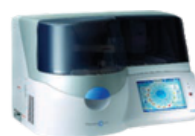
Yumizen H1500/2500

Clinical Chemistry analyzers

Semi and Fully Automated
Chemistry System



Pentra C400



Pentra C200



Yumizen C560

Medcaptain

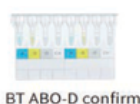
Immunohematology:

New Generation of Fully Automated Blood Grouping Systems

- 8-Column Agglutination Technology (CAT) Gel Cards for Immunohematology
- Using MC Gel



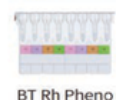
BT Series Semi-Automated Workstation



BT ABO-D confirm



BT ABO-DCE



BT Rh Pheno



BT Coombs



Fully Automated BT-30



Fully Automated BT-70

Abbott

Vysis DNA FISH Probes



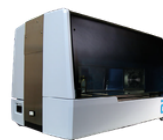
ThermoBrite Slide Processing System

A temperature programmable, humidity-controlled instrument designed to automate denaturation and hybridization steps for Fluorescence In Situ Hybridization (FISH).



VP2000 Processor

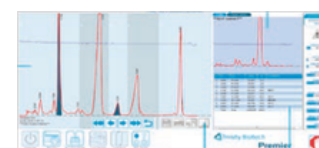
Automate and standardize slide specimen processing, including deparaffinization, FISH* pretreatment and enzymatic digestion.



Trinity Biotech

Trinity Biotech

- Accurate & precise analysis of HbA1c using patented boronate affinity technology.
- Detection of variant hemoglobins using ion-exchange HPLC Platform.
- Point Of Care Uni-Gold™ and TrinScreen Rapid Test Kits.
- Range of CAPTIA™ EIAs.
- Comprehensive Solutions for Autoimmune Diagnostics.
- Special Clinical Chemistry Range.



Sakura Finetek

Histology & Cytology:

- Conventional & Fully Automated Histology:
- Grossing Blades / Microscopy blades/ Industrial Blades
- Cassette Printing
- Tissue Processing
- Tissue Embedding
- Microtomy
- Staining & Coverslipping (Film/Glass)
- Cryotomy
- Cytotek Centrifuge
- Cassette & Slide Storage



Immunohistochemistry

Feather Blades

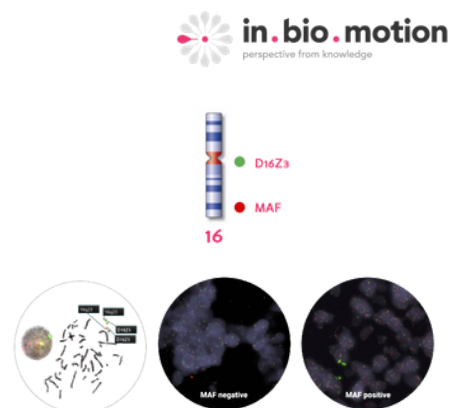
- Histology blades & Biopsy Punches
- Industrial Blades
- Ophthalmology Blades
- Dental and Surgical Blades



Inbiomotion

MAF Test

- A predictive marker in early-stage Breast Cancer Adjuvant Treatment.
- Single gene based test.
- Identifying patients that will benefit from bisphosphonates in early-stage breast cancer.
- Excluding patients that will not benefit from bisphosphonates in early-stage breast cancer.



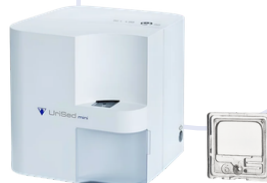
Elektronika

Urine Chemistry & Sediment Analysis

Fully Automated & Semi-Automated



LabUMat 2 & Urised 3 Pro



Urised Mini



LabUReader Plus 2



Reetoo

Sperm Quality & Vaginal Secretion Analysis

S100 - Sperm Quality Analyser

- Fully automated.
- Complete physicochemical and microscopic analysis with CASA parameters.
- Reports liquefaction time, viscosity, appearance, pH and volume.
- System maintained at constant temperature (37°C).
- Closed system with no odour release.

F600 - Vaginal Secretion Analyser

- Automatic and intelligent operation without human intervention.
- AI DeepCell engine: Cell recognition accuracy up to 90%.
- Multi-layer dynamic focus scanning capability.
- Patented algorithm for tracking and recognizing Trichomonas morphology.
- Supported automatic sampling, turbidity detection, intelligent HD imaging and recognition of formed elements.



S100 - Sperm Quality Analyzer



**F600 (Low Throughput) & F2000A (High Throughput)
Vaginal Secretion Analyzers**



**MS2100 (Scanner)
& D3500 (Stainer)**



Invitek Diagnostics

Molecular diagnostics:

Full Spectrum Workflow

- Infectious disease testing (RTP Pathogen Kit (CE-IVD))
- InviSorb® Spin Universal Kit (CE-IVD))
- Genetic testing (InviSorb® Spin Blood Mini Kit (CE-IVD))
- Modular products for reliable and validated microbiome sample management
- Sample collection (Stool Collection Tubes, SalivaGene Collector (CE-IVD))
- Stabilization (DNA Stabilizer)
- DNA extraction (PSP® Spin Stool DNA Basic Kit (CE-IVD), PSP® Saliva Gene DNA Kit (CE-IVD))
- InviTrap® Spin Universal RNA Mini Kit (CE-IVD)
- InviPrep® Fast Lysis Buffer
- MSB® Spin PCRapace, InviSorb® Fragment CleanUp



RR Mechatronics

Automated ESR using Westergren Method



BioPerfectus

- Molecular Diagnostics: Specialization in diagnostics for infectious diseases and women's and children's health.
- Automated nucleic acid extraction systems (SSNP series and SMPE series) compatible with NA extraction kits.
- Automated extraction kits used for the extraction and purification of DNA and RNA from (urine, serum, virus culture medium, nasopharyngeal or vaginal swabs).
- Automated nucleic acid extraction workstations integrates sample loading, NA purification, and PCR setup in one instrument.
- Real-Time PCR systems (temperature uniformity across 96-wells are within a remarkable 0.1°C).
- BioPerfectus Real-Time PCR Kits: Sexually Transmitted Diseases, HPV & Cervical Cancer Screening, Prenatal & Neonatal Care, Respiratory Infectious Diseases, Vector-Borne Diseases.



**Nucleic Acid
Extraction Workstation**



Extraction kits



**STC-96A Plus Real
Time PCR System**

GONOTEC GmbH

AN ELITECHGROUP COMPANY

Freezing Point Osmometer



GONOTEC GmbH
AN ELITECHGROUP COMPANY

Orto Alresa

- Centrifuges
- Distillers



**orto
alresa**
About centrifugation

VWR

- Analytical Balance
- Semi-micro Balance
- Precision Balance
- Moisture Balance
- Calibration Weights



avantor
delivered by VWR™

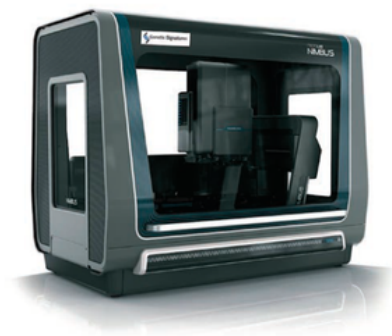
Genetic Signatures



Genetic Signatures' EasyScreen™ technology empowers laboratories to detect multiple pathogens in a single assay, delivering rapid, reliable results that enhance patient care and strengthen public health surveillance.

EasyScreen™ Pan-Enteric Pathogen Detection Kit (PE001) - Detects 24 clinically relevant pathogens in a single workflow, including:

- Bacteria: Salmonella, Campylobacter, Shigella/EIEC, Vibrio spp., Aeromonas, Yersinia, C. difficile, pathogenic E. coli (ETEC, EPEC, STEC, O157:H7)
- Viruses: Norovirus GI/GII, Rotavirus A, Adenovirus 40/41, Astrovirus, Enterovirus, Sapovirus
- Parasites: Giardia, Entamoeba histolytica, Cryptosporidium spp.



MRC Laboratory Instruments



Wide Range of Equipment Including:

- Air Samplers
- Colony Counters
- Gas Burner
- Glassware Washer
- Incubators
- Ovens
- Rollers/Rotators
- Shakers
- Thermometers
- Vacuum Pumps



MESLO



- MESLO - Electrochemistry, Spectrophotometers, Fluorescence
- FALC - Autoclaves, Ovens/Furnaces, Incubators, Water Purification Systems
- LabBee - Sample Collection Swabs
- PCRBio - PCR, QPCR, NGS Reagents and Consumables; DNA Extraction
- SPEX - Sample prep: Cryogenic Grinders, Bead Beaters, Homogenisers, Mills
- Traceable - Thermometers, Hygrometers, Barometers
- PCRmax - qPCR Instruments and Reagents
- Cole Parmer - Jenway, Techne, Stuart and Electrothermal
- Better Basic Labordedarf - Modular Organisation Systems
- ePrep - Sample Preparation Automation
- Griff In Vitro Diagnostics - IVD Clinical Test Kits & Reagents
- Innovaprep - Air sampler, Concentrating Pipette
- Environmental Express - Digestion systems, HotBlock, ProWeight Filters, BOD, Bottles, TCLP Consumables



MaximBio



HIV Testing Products

- HIV-1 Lag Avidity EIA Serum/Plasma Kit
- HIV-1 Lag Avidity EIA Dried Blood Spot (DBS) Kit



Corning

Laboratory Consumables

- Plasticware - Petri Dishes, Multi Well Plates, Round Bottom Tubes, Centrifuge Tubes, Containers
- Pipetting - Pipette Tips, Automation Pipette Tips, Serological, Transfer Pipettes, Containers
- Cell Culture Consumables - Flasks, Dishes, Media, Cryogenic Vials and Storage
- Filtration - Cell Strainers, Full Vacuum Units, Syringe Filters, Bottle Top Filters
- Molecular - PCR Plates, PCR Tubes, Strip Tubes, Sealing Film
- Permeable Supports, Advanced Surfaces and Extracellular Matrices
- Glassware - Beakers, Cylinders, Bottles, etc.

Laboratory Equipment

- Cell Counter
- Centrifuges
- Liquid Handling - Pipets, Bottle Top Dispensers
- Agitation Equipment - Shakers, Rotators, Vortexes, Mixers, Rockers
- Constant Temperature - Drybaths, Waterbaths, Incubators, Hot Plate Stirrers
- Molecular Biology - Thermal Cyclers, Electrophoresis Unit, Gel Documentation Systems, Plate Sealers



T&C Plastics

- Specimen Jars: 35ml, 40ml&150ml
- Scoop Jars: 35ml & 40ml
- Test Tube Covers: 16mm&20mm
- Cotton Swabs: Plastic & Wood Shaft
- Oropharyngeal Swabs: Cotton & Rayon
- Nasopharyngeal Flock Swabs



TCP



KW Apparecchi Scientifici

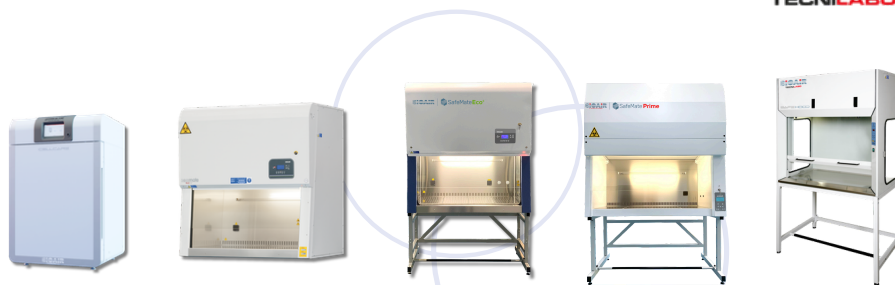
- Refrigerators
- Freezers, including Plasma Shock Freezers
- Plasma & Stem Cell Thawers
- Platelet Incubators & Agitators



BioAir



- Class II microbiological Safety Cabinets
- CO2 Incubators
- Extractor Hood



SG Vac



- Blood Collection Tubes: EDTA, Citrate, Plasma, ESR, SST, Plain Serum, Glucose, Speciality
- Microtainer Tubes
- Blood Collection Needles: Safety needles, Safety Butterfly Needles
- Lancets: 21G to 30G
- Blood Collection Accessories: Holders, Quick Release Holders, Paediatric Tourniquets
- Disposable Waste Containers
- Nasal Swabs



Platelet Rich Plasma Tubes:

The Platelet Rich Plasma (PRP) tubes are designed to be used for preparation of autologous platelet rich plasma from a small sample of peripheral blood for mixing with autograft and/or allograft bone prior to application to a bony defect for improving handling characteristics.



NZYtech

Molecular Diagnostics



- Nucleic Acid Extraction & Purification
- RT & qPCR Mastermixes
- LAMP Enzymes & Additives
- Lyophilizable (RT)-qPCR Mastermixes
- Oligos & Probes
- Custom Positive Controls
- Oligos and Probes



Immunochemistry

AutoLumo S900

The AutoLumo S900 is a compact, space-saving automated Chemiluminescence Immunoassay (CLIA) analyzer that delivers up to **180 tests per hour** and supports **150+ clinical assays**, including infectious disease, hormone, cardiac marker, and tumour marker testing.



AutoLumo S900

AutoLumo A2000 Plus

The AutoLumo A2000 Plus is a fully automated Chemiluminescence Immunoassay (CLIA) analyzer for high-volume laboratories, offering throughput of up to **200 tests per hour**, a **100-sample loading capacity**, first results in just **19 minutes**, a comprehensive menu of routine and specialised assays, and **continuous sample and reagent loading** for uninterrupted workflow.



AutoLumo A2000 Plus

AutoChem B861

The AutoChem B861 is a fully automated chemistry analyzer that performs up to **800 photometric tests per hour**, features an advanced optical system, smart software for automatic abnormality detection, dilution and retesting, integrated reagent refrigeration, and a comprehensive test menu covering biochemistry, cardiac markers, tumour markers, inflammation markers, electrolytes, and more.



AutoChem B861

Microbiology

Blood Culture Systems

Autobio BC60

The BC60 is a compact automated blood culture system with a **60-bottle capacity**, designed to deliver rapid and reliable microbial detection through intelligent analysis, advanced data management, and high-performance culture technology. The system can integrate up to **5 units** to reach a maximum onboard capacity of **300 bottles**.



BC60

Autobio BC120 Plus

The BC120 Plus is an automated blood culture analyzer with a **120-bottle capacity**, offering fast microbial detection, enhanced sensitivity, and efficient workflow management for modern laboratories. The system can integrate up to **5 units** to reach a maximum onboard capacity of **600 bottles**.



BC120 Plus

Microbiology continued...

Automated Culture Plate Inoculation

AutoStreak S1800

The AutoStreak S1800 is an automated microbial sample pretreatment and inoculation system that standardizes specimen processing, barcode tracking, and culture plate inoculation, helping laboratories improve efficiency, reduce contamination risk, and deliver more consistent microbiology results.



AutoStreak S1800

MALDI-TOF

Autof TX8 (Clinical Use Only)

The Autof TX8 is a compact MALDI-TOF mass spectrometry system that provides rapid and accurate microbial identification through an advanced database, intelligent touchscreen operation, and portable all-in-one design.



Autof TX8

Autof MS Range (Clinical and/or Research Use)

The Autof MS range provides rapid and accurate microbial identification using advanced MALDI-TOF mass spectrometry, extensive microbial databases, and intelligent analysis software to improve laboratory efficiency.



Autof MS2000

Autof MS Compare				
				
01	02	03	04	05
Autof MS 600 Base version	Autof MS 1000 Standard version	Autof MS 1600* Standard plus International push	Autof MS 2000 Performance version	Autof MS 2600 Performance plus
- External oil mechanical pump + internal molecular pump 337nm gas laser - Autof database support	- External oil mechanical pump + internal molecular pump 337nm gas laser - Autof database support	- Internal oil-free membrane pump + internal molecular pump 337nm gas laser - Autof database support	- Internal non-oil membrane pump + internal molecular pump 355nm solid laser - Autof database support	- Internal non-oil membrane pump + internal molecular pump 355nm solid laser - Autof database support
- Paid database upgrade 250-260 sample/h	- Optional AST function 300 sample/h	- Nucleic acid, AST function - Positive and negative ion mode 300 sample/h - Ion screening	- Optional nucleic acid, AST function 960 sample/h	- Nucleic acid, AST function - Positive and negative ion mode 960 sample/h - Ion screening
 Demagnetized stainless steel flight tube		 Titanium alloy flight tube that minimally affect ion flight		

Microbial Identification and Antibiotic Susceptibility Testing

AutoMic i600

The AutoMic i600 is an automated microorganism identification and antimicrobial susceptibility testing (ID/AST) analyzer that delivers rapid identification of clinically important bacteria and fungi, including E. coli, Staphylococcus, Streptococcus, Pseudomonas, and Candida species, together with reliable antibiotic susceptibility testing.



AutoMic i600

Challenbio

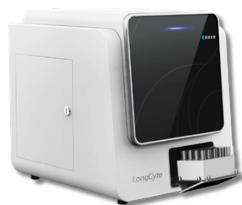


Beijing Challen Biotechnology Co., Ltd. (Challenbio) is a leading biotechnology manufacturer specializing in flow cytometers and biomedical solutions.

We offer integrated instruments, reagents, including the LongCyte®/FongCyte™ analytical series, the full-spectrum CytoStellar™, automated sample preparation systems, and consumables.



CD4 kit



LongCyte®
CE-IVDR 3-Laser
Flow Cytometer



FongCyte™
RUO 3-Laser
Flow Cytometer



FongCyte™ S
4-Laser Micro Particle
Flow Cytometer



CytoStellar™
Full Spectrum Flow
Cytometer

ELK Biotechnology



ELK Biotechnology

ELK Biotechnology specialized in the production of ELISA kits, antibodies and molecular biology reagents (DNA, RNA extraction kits and PCR-related reagents). Has about 8500+ ELISA kits, 11000+ antibodies, 60+ molecular biology reagents and cell experiment related products.

 Molecular Biology	 Cell Biology	 Immunology	 Pathology
• Nucleic acid extraction • RT-PCR • Molecular cloning • SNP typing • RNA interference • Molecular hybridization • DNA methylation • RACE • sgRNA design • Crispr/Cas9	• Cell culture • Flow cytometry • Cell proliferation activity • Transwell invasion migration • Adhesion assay • Cell transfection • MTT assay • Colony formation assay • Dual-luciferase assay • Retroviral packing assay • Lentiviral packing assay	• Co-IP • ELISA assay • EMSA assay • WB assay • Immunohistochemistry • Immunofluorescence	• Tissue embedding • Paraffin section • Photograph • Pathologic analysis • He dyeing • Other special dyeing • IHC • Immunofluorescence (IF) • TUNEL assay • Transmission electron microscope





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