LASEC® BIOTECHNOLOGY



Our biotechnology portfolio provides complete solutions for genomics, proteomics, and cell biology workflows.

Our range includes products for PCR, imaging, and immunoassay multiplexing.





CONTENTS

Automated Liquid Handling	17
Cell Biology	15
Diagnostic Tools	16
Genomics	06
Proteomics	11
Purification	04
Sample Preparation	03

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SAMPLE PREPARATION



Process tough samples efficiently with rapid high-shear homogenisation, reducing the risk of heat degradation.

- Speeds of up to 75,000 rpm
- Available in handheld or stand-mounted configurations
- Ideal for laboratories requiring consistent, reliable sample preparation





BEAD MILL HOMOGENISERS

Powerful and versatile bead-beating technology designed for efficient tissue homogenisation and cell lysis.

- Mechanical shearing ensures rapid, reproducible results
- Built for durability and high-throughput workflows
- Ideal for tough samples requiring consistent processing

AUTOMATED HOMOGENISERS

Automate your sample preparation workflow for greater throughput, consistency, and efficiency.

Revvity's Omni Automated Homogeniser Workstations streamline tissue lysis and essential front-end processes. including sample weighing, buffer addition, and tube-to-plate reformatting.

- Reduces manual handling and bottlenecks
- Enhances turnaround times and workflow efficiency
- Scales sample preparation with reliable walkaway operation
- Improves consistency and reproducibility across runs



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AUTOMATED

We offer automated systems for extracting DNA/RNA from start to finish; sample to eluate. Our instruments will simplify your daily workflow with their own distinguishing features and patented magnetic bead purification technology. Models available to cater for a throughput of 12, 16, 48, 96 and 192 samples.



chemagic™ PREPITO®

Compact and efficient, this benchtop system is ideal for automated DNA and RNA isolation in medium-throughput labs.

The chemagic[™] Prepito[®] offers seamless integration with various sample types and delivers consistently high yields when used with chemagic™ Prepito® Kits.

- High-quality DNA/RNA for sensitive downstream applications
- Compatible with NGS, MLPA, genotyping, chip-based assays and more
- Small footprint with powerful performance

chemagic[™] 360

Built on robust magnetic bead-based chemagic[™] technology, the chemagic[™] 360 system is configurable with three different rod heads to accommodate sample volumes ranging from 50 µl to 18 ml.

- Adapts to a wide variety of sample materials and workflows
- Delivers high-quality DNA/RNA for NGS, MLPA, PCR, genotyping and more
- Scalable solution for low to high-throughput applications
- Ensures consistency and reliability across runs



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chemagic™ PRIME

Combining trusted M-PVA Magnetic Bead technology with advanced liquid handling, the chemagic™ Prime automates primary sample transfer, DNA/RNA isolation, optional normalisation, and PCR setup.

- Delivers high-yield, contaminant-free DNA/RNA
- Enables true walk-away sample processing
- Reduces complexity with a validated single-supplier workflow
- Ideal for high-throughput labs with demanding applications



MANUAL EXTRACTION KITS

Versatile, ready-to-use solutions for high-quality nucleic acid isolation across diverse sample types. Designed for both routine and challenging samples, these manual kits deliver reliable results for downstream molecular applications in spin column or 96-well format.

- Suitable for blood, saliva, plant, stool and more
- Delivers pure DNA/RNA for PCR, microarrays, NGS, pathogen detection
- Available in spin column or 96-well plate formats
- Easy-to-use protocols for consistent, high-quality yields



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CONVENTIONAL THERMAL CYCLERS

Reliable, versatile PCR instruments designed to meet a wide range of amplification needs.

Equipped with Peltier-based temperature control and gradient functionality, these systems simplify assay optimisation while delivering consistent, high-performance results.

- Precise and uniform temperature control for reproducible results
- Thermal gradient to optimise multiple PCR conditions in a single run
- Intuitive interface and robust design for everyday use
- Compatible with a variety of PCR tube formats and plate types





DROPLET DIGITAL PCR

Ultrasensitive detection and absolute quantification of low-abundance nucleic acid targets.

Droplet digital PCR (ddPCR) technology enables precise measurement of rare genetic variants with unmatched sensitivity and accuracy, making it ideal for applications where conventional methods fall short.

- Detects allelic and structural variants at very low concentrations
- Supports advanced multiplexing in a single well
- Delivers absolute quantification without standard
- Ideal for high-precision research and clinical applications

REAL-TIME THERMAL CYCLERS

Powerful qPCR systems designed for accurate, sensitive, and multiplexed detection.

The CFX Real-Time PCR Detection System offers advanced optical technology, thermal gradient control, and intuitive software for high-performance real-time PCR analysis.

- 2-5 colour multiplexing for complex assay flexibility
- Precise temperature control ensures reliable, reproducible results
- Detects both singleplex and multiplex reactions with high sensitivity
- User-friendly software for data collection, analysis, and visualisation



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DECONTAMINATION SOLUTIONS

PCR CLEAN™ SPRAY AND WIPES

Residual DNA, RNA, DNases, and RNases can cause cross-contamination and degrade target RNA and DNA, compromising the PCR experiment.

These contaminants are resistant to standard cleaning methods. making their removal problematic.

- Ready-to-use solution
- Compatible with most lab surfaces, PCR workstations and lab equipment
- Convenient and effective within seconds after use

CELL CULTURE CONTAMINATION PREVENTION

Microbial contamination is a common problem in many cell and molecular biology laboratories and has a significant impact on the success and cost of research studies. We offer solutions for reliable contamination prevention against microbial growth in incubators, water baths, cell cultures and culture media.

ZELLSHIELD®

ZellShield® is a ready-to-use additive for culture media that safeguards cell cultures from a broad range of common contaminants. Its protective effect is driven by a unique blend of antibiotics with macrolide properties that inhibit bacterial DNA and protein synthesis.

- Effective against most intracellular and extracellular gram-negative and gram-positive bacteria, mycoplasma, protozoa, fungi and yeasts
- Suitable for both permanent cell lines and freshly prepared primary cell cultures
- No cytotoxic effects observed across various tested cell lines
- Can be added directly to fresh cultures or pre-mixed with cell culture medium
- Formulated with antimicrobials selected for minimal resistance development
- Maintains stability and efficacy under standard incubation conditions



WATERSHIELD™

Water in CO₂ incubators and water baths offers ideal conditions for microbial contamination and growth. WaterShield™ is a water additive that prevents microbial growth.

- Active against most bacteria, mycoplasma, protozoa, algae, fungi, and yeast
- Can also be used in common water/heating baths including water pans of CO₂ incubators and is compatible with common laboratory surfaces, e.g., tin plated iron, chrome, nickel steel, high grade steel and copper
- All ingredients are safe and do not cause any irritating effects to the skin when used at the recommended
- Simply add 10 ml of WaterShield™ directly to 2 litres of deionised water
- Active for about 4 weeks. A blue stain indicates the status of the additive



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NUCLEASE-FREE WATER FOR MOLECULAR BIOLOGY

Ultrapure solution designed for critical applications like RT-PCR, cDNA synthesis and qPCR, where nuclease-free conditions are essential. Free from DNase, RNase, protease activity and human DNA, this high-quality water ensures maximum integrity and reliability for your results.

PCR PLASTIC CONSUMABLES

We offer a large selection of PCR plates, seals, tubes, and accessories precisely manufactured for optimal fit and cycling performance in thermal cyclers and real-time PCR systems.





PCR AND REAL-TIME PCR REAGENTS

We offer a wide range of reagents for reverse transcription, PCR, and real-time PCR, optimised to generate accurate and reproducible data.

MICROFI UIDICS

Microfluidics simplifies your workflow through nanoscale automation which maximises efficiency and provides the flexibility to scale your projects with increased data output. This allows you to tailor your experimental plan to match your experimental needs with microfluidics-based PCR and NGS library preparation.

BIOMARK X9™

The X9[™] Real-Time PCR System enables high data output with more than 9,000 individual nanolitre reactions in a single run, ensuring cost-effective comprehensive sample profiling with minimal hands-on time.

- Versatile: Compatible with TaqMan® and SNP Type™ leading assays for genotyping, gene expression and Standard Biotools custom assay designs
- Efficient: Reduce cost and hands-on time with walk-away automation and reaction miniaturisation
 - 2 hours for up to 9,216 datapoints
 - 8 hours for up to 384 barcoded, NGS-ready libraries
- Panel Design: Simplify custom panel development with the D3™ assay design website. Create panels of any size in just 2 days or less using the intuitive interface.



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LABCHIP® GX TOUCH™ NUCLEIC ACID ANALYZER

Leverages microfluidic technology enabling DNA and RNA quantitation and sizing to be done in seconds via automated capillary electrophoresis separation. It is optimal for:

- Fast, high-throughput QC analysis of NGS libraries
- NGS library preparation (smear and fragment analysis) and quality control
- RNA and DNA fragment analysis (including cell-free DNA, DNA isolated from FFPE samples, and PCR-free libraries)
- Quantitation and qualification for CRISPR fragment analysis
- Screening nucleic acid source material for vaccine development
- Characterisation and QC of small RNA molecules and CRISPR/Cas9 gRNA

NEXT GENERATION SEQUENCING

Next Generation Sequencing (NGS) Library Preparation has caused a significant transformation in the field of genomics research and has now become the go-to technology for undertaking large-scale genomics and transcriptomics studies. In order to aid researchers in tackling even the most intricate biological queries, we provide an array of innovative NGS library preparation products.

DIGITAL PCR LIBRARY **QUANTIFICATION KITS**

Bio-Rad digital PCR kits allow accurate quantification of DNA libraries before next-generation sequencing (NGS) on Illumina RNA-Seq and Ion Torrent AmpliSeq platforms.





SINGLE-CELL NGS LIBRARY PREPARATION

The ddSEQ Single-Cell Isolator is part of the single-cell sequencing solution for single-cell chromatin accessibility studies.

NGS LIBRARY PREPARATION

NGS Library Preparation is a critical process that involves converting raw DNA or RNA samples into a format suitable for sequencing on high-throughput platforms. NEXTFLEX® kits, designed for sequencing platforms such as Illumina® and Element Biosciences™, simplify these steps with verified, high-quality protocols, making the library preparation process more efficient and reliable



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ZEPTOMETRIX® QUALITY CONTROLS AND VERIFICATION PANEL

Reliable third-party molecular controls to ensure assay accuracy and lab confidence.

Designed to support ongoing performance monitoring of multiplex assays, these external quality controls offer consistency and reliability based on the most current scientific data.

- Independent, third-party validation for added assurance
- Supports routine assay verification and troubleshooting
- Developed using up-to-date, high-quality reference materials
- Ideal for maintaining compliance and laboratory best practices

Control Categories	
Respiratory	Oncology
Gastro-Intestinal (GI)	Culture Fluids (heat-inactivated)
Women's Health & STIs	Quantitative Controls
Critical Infectious Diseases	Retrotek Elisa Kits
Healthcare-associated Infections	





ZEPTOMETRIX® SEROCONVERSION AND VERIFICATION PANELS

Comprehensive panels to support assay development, validation, and quality control.

Ideal for diagnostic manufacturers, researchers, and clinical laboratories, these panels provide valuable insight into the appearance and detectability of diagnostic markers over time.

- Includes over 160 well-characterised seroconversion panels
- Longitudinal or seroconversion format using single donor specimens
- Supports assay development, evaluation, and troubleshooting
- Each panel includes analytical data for comparative analysis

SERODETECT® VERIFICATION PANELS

Standardised panels designed to meet CLIA assay verification requirements with ease and confidence.

ZeptoMetrix® SeroDetect® Verification Panels provide practical tools for validating assay performance, training staff, and ensuring lot-to-lot consistency in clinical laboratories.

- Supports CLIA compliance for assay verification
- Ideal for laboratory training and competency assessment
- Useful for new kit/reagent lot validation and performance monitoring
- Reliable, easy-to-use format for streamlined QC processes



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BIO-PLEX MULTIPLEX IMMUNOASSAY SYSTEMS

High-quality multiplex analysis with minimal sample input.

The Bio-Plex® System combines advanced readers, intuitive software, and ready-to-use or custom assays to deliver reliable results. Magnetic bead-based assays enable the quantification of over 450 biologically relevant targets.

- Broad Target Coverage: Inflammation, cancer, cell signalling, and more
- Magnetic bead technology for high sensitivity and reproducibility
- Ideal for limited sample volumes
- Flexible formats to suit your workflow



NGC CHROMATOGRAPHY SYSTEMS

Customisable, scalable purification of biomolecules.

Our NGC liquid chromatography systems are designed for flexible, automated purification in research and development labs. With intuitive ChromLab™ Software, touch-screen control, and modular components, these systems adapt easily to your throughput and workflow needs.

- Flow rate options: 10 ml/min or 100 ml/min
- Multiple mixer barrel sizes (750 µl to 12 ml)
- Automated sample injection valve
- User-friendly software and interface

CHROMATOGRAPHY RESINS

A selection of resins are available for separation by ion exchange, hydroxyapatite and fluoroapatite, affinity, size exclusion (gel filtration), and hydrophobic interaction chromatography.

- Affinity Resins (AF): Purify affinity-tagged proteins, monoclonal antibodies, and other biomolecules with a range of affinity resins including immobilised metal affinity chromatography (IMAC), Protein A, and activated resins.
- Ion Exchange Resins (IEX): Purify charged and polar molecules with anion and cation exchange (AEX, CEX) chromatography resins, available in various particle sizes, ionic forms, and binding capacities.
- Mixed-Mode Resins (MM): Experience unparalleled selectivity, resolution, yield and ease-of-use for a variety of biomolecules with the unique separation properties of our multimodal chromatography resins.
- Hydrophobic Interaction Chromatography Resins (HIC): Separate biomolecules that have weak or strong hydrophobic regions from contaminants with resins of various strengths.



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ELECTROPHORESIS AND BLOTTING

Perform DNA and protein analysis efficiently and reliably, using our diverse selection of instruments, precast gels, and reagents.

BUFFERS AND REAGENTS

Consistent results start with the right reagents.

We offer high-purity, ready-to-use buffers and gel reagents to support reliable DNA electrophoresis workflows and reduce prep time in the lab.

- Premixed DNA electrophoresis buffers for easy, reproducible use
- Sample loading buffers with tracking dyes and glycerol in Tris buffer
- Gel-forming reagent packs in small, medium, and large sizes
- Designed to streamline gel preparation and pouring



GELS AND STANDARDS

- Horizontal Electrophoresis Precast Gels: Choose from a variety of precast ready agarose gels in mini, wide, or 96-well DNA electrophoresis gels in 1 % or 3 % agarose, TBE or TAE buffer, with or without ethidium bromide formats
- Mini-PROTEAN TBE Precast Gel: Suitable for electrophoresis of nucleic acids from 50 to 2,000 base pairs.
 They are ideal for analysis of the purity of PCR products, standard dsDNA analysis, and RNase protection assays.
- Mini-PROTEAN TBE-Urea Precast Gel: Maintain denaturing conditions for analysis of single-stranded DNA and RNA. Nucleic acids between 60 and 200 bases are resolved as sharp, distinct bands.
- Criterion TBE Precast Gels: Suitable for electrophoresis of nucleic acids from 50 to 2,000 base pairs; they are ideal for the evaluation of the purity of PCR products and standard DNA analyses
- Criterion TBE-Urea Precast Gels: Maintain denaturing conditions for analysis of single-stranded DNA and RNA between 60 and 200 bases. Designed for the traditional 13.3 x 8.7 cm mini vertical format.
- Nucleic Acid Rulers/Ladders: Includes molecular rulers with evenly spaced banding patterns (DNA ladders), EZ Load standards premixed with loading buffer, and specialty products, such as pulsed field standards.





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IMAGING SYSTEMS



CHEMIDOC™

Delivers fast, reliable, and highly sensitive imaging and documentation for gels and chemiluminescent western blots.

- Compatible with stain-free technology and chemiluminescence detection
- Supports a wide range of gel stains, including ethidium bromide, SYPRO® ruby, coomassie, and silver stains
- Easily upgradable for full fluorescent western blotting capabilities

CHEMIDOC™ MP

A full-featured system for imaging and analysing gels and western blots.

- Optimised for multiplex fluorescent western blotting
- Supports chemiluminescence detection and general gel documentation
- Compatible with stain-free technology for rapid, high-quality imaging



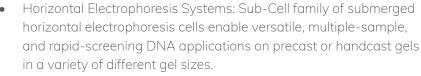


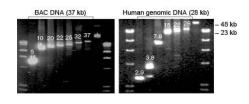
GELDOC™ GO

A compact, benchtop imaging system for high-resolution gel documentation.

- Capture publication-quality images of nucleic acid and protein gels
- Small footprint ideal for space-conscious labs
- Fast, user-friendly operation for efficient workflows

NUCLEIC ACID ELECTROPHORESIS





- Vertical Electrophoresis Systems: Electrophoresis cells and precast polyacrylamide gels are offered for high-resolution separation of nucleic acids in mini and midi formats. The gels are available in different sizes and buffer formulations.
- Power Supplies: From basic to high-voltage capacity, our power supplies provide simple programming in a compact, stackable case.

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MICROFLUIDIC ANALYSERS

We have single and multi-mode microplate solutions to assist with a wide array of laboratory applications.



LABCHIP® GXII TOUCH™ HT PROTEIN CHARACTERISATION SYSTEM

Offers an automated alternative to traditional methods by streamlining slab gel electrophoresis, while also providing the increased throughput required by biotherapeutics and genomics workflows. This flexible instrument supports multiple assays for characterising both proteins and nucleic acids.

- Ease-of-use
- Flexible
- Cost-effective
- Increased efficiency
- High-throughput
- Small footprint
- Fast analysis
- Supports testing in a streamlined and reproducible GMP-compliant environment

PLATE READERS

We have single and multi-mode microplate solutions to assist with a wide array of laboratory applications.

ABSORBANCE MICROPLATE READERS

Quickly measure protein, RNA, and DNA concentrations with discrete end-point assays. This method detects changes in sample properties as indicators of biological substance levels, enabling rapid and reliable quantitation.





MULTI-MODE MICROPLATE READERS

Designed for high-throughput screening, these systems combine absorbance, luminescence, and fluorescence detection. Automate workflows and leverage dynamic labels to screen and characterise large sample volumes with flexibility for emerging assays and miniaturised formats.

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ANTIBODIES AND REAGENTS

Bio-Rad offers a comprehensive portfolio of high-quality antibodies, reagents and fluorescent dyes.

- ISO 9001-certified reagents with guaranteed performance
- StarBright Dyes bright, stable, and with minimal spillover for superior flow cytometry results
- PrecisionAb Antibodies validated for reproducibility in western blotting
- Extensive range of primary and secondary antibodies, controls and reagents
- Suitable for western blotting, flow cytometry, immunology, cell analysis, and more
- Compatible with ZE5 Cell Analyser, S3e Cell Sorter, TC20 Automated Cell Counter, ZOE Fluorescent Cell Imager, and other Bio-Rad platforms





ZE5 CELL ANALYSER

An innovative flow cytometer offering flexible configurations to suit a wide range of experimental complexities and throughput requirements.

- User-friendly interface ideal for beginners
- Highly configurable for complex workflows
- Suitable for various sample types and applications
- Generates up to 100 000 events/second without any data loss

TC20 AUTOMATED CELL COUNTER

Delivers accurate cell counts in a single, straightforward step using advanced auto-focus technology and a sophisticated counting algorithm.

- Fast and accurate cell counting in less than 30 seconds
- Advanced auto-focus technology for reliability
- Ideal for mammalian cell counting in research and clinical settings



MASS CYTOMETRY



CyTOF® technology enhances flow cytometry by incorporating mass spectrometry to deliver high-resolution, single-cell proteomic profiles from just one tube without signal overlap - giving a more comprehensive, functional and phenotypic view of complex systems.

CYTOF® XT

- Analyse 50+ markers simultaneously in a single tube
- CyTOF antibodies are tagged with stable, non-naturally occurring isotopes which are analyzed by time-of-flight (TOF) to ensure minimal signal overlap
- Walk-away sample acquisition reduces manual error and boosts reproducibility
- Identify novel disease drivers and design better therapies

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DIAGNOSTIC TOOLS



ENZYME-LINKED IMMUNOASSAY TEST KITS

Versatile ELISA kits designed for the detection of a wide range of plant and animal pathogens.

- Available in direct, indirect, competitive, and sandwich formats
- Supplied in convenient strip or plate format
- Includes ready-to-use reagents for streamlined workflows





IMMUNODIAGNOSTICS

Reliable diagnostic tools for veterinary and agricultural applications.

Veterinary: Complete immunodiagnostic kits for serum, plasma, and milk analysis, with multi-parameter strip formats and 18-month room temperature shelf life.

Agriculture: On-site lateral flow tests in packs of 25 or 50, designed for quick detection of GMOs, viruses, bacteria, or fungi in crushed plant samples.

POLYMERASE CHAIN REACTION KITS

Ready-to-use PCR kits from sample pre-treatment to final results are available.

- Simple Sample Preparation Kits
- Nucleic Acid Purification Kits
- Amplification Kits (qPCR)



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AUTOMATED LIQUID HANDLING



Flexible and intuitive automated liquid handling systems to streamline routine workflows.

- Compact design ideal for space-conscious labs
- Simplifies tasks like copying, mixing, pooling, aliquoting, and serial dilutions
- Suitable for a wide range of applications and budgets





mosquito[®] SERIES

High-precision nanolitre liquid handling to support miniaturised workflows in life sciences.

- Ideal for genomics, crystallography, and drug discovery applications
- Positive displacement pipetting ensures accuracy and consistency
- Reduces sample, reagent, and plastic consumption for cost-effective workflows

dragonfly® SERIES

Non-contact liquid dispensing with precision and flexibility across a wide volume range.

- Positive displacement syringe technology ensures accuracy across viscosities
- Handles nanolitre to millilitre volumes with high repeatability
- Minimises dead volumes and pipetting errors for streamlined workflows
- Ideal for genomics, biochemical assays, and protein crystallisation





firefly® ALL-IN-ONE SYSTEM

A compact, integrated solution that streamlines genomic research from start to finish.

- Combines pipetting, dispensing, incubating, and shaking in one platform
- Enhances efficiency and reproducibility in sample and library prep
- Designed to simplify complex workflows in genomics labs
- Small footprint ideal for space-conscious environments

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AUTOMATED LIQUID HANDLING

BIOMICROLAB® SAMPLE MANAGEMENT **AUTOMATION INSTRUMENTS**

Versatile and user-friendly tools designed to streamline and optimise sample handling workflows.

- Ideal for labs at any stage of automation, from entry-level to fully integrated
- Boosts efficiency and throughput while reducing manual errors
- Supports reliable, high-throughput sample processing
- Designed for flexibility across a wide range of lab applications



BIOQULE™ NGS SOLUTION

Automated DNA sequencing library preparation system designed to streamline genomic workflows with minimal hands-on time and user training.

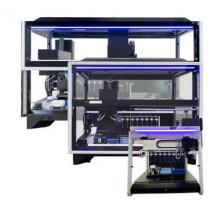


- Compatible with library prep chemistries from top vendors including Revvity, Illumina, Qiagen, Watchmaker Genomics, and Claret Biosciences
- Reduces hands-on time by up to 80 %, processing up to 8 samples per run
- Integrates DNA extraction, library preparation, and quantification into a single workflow
- Intuitive interface allows quick setup with just a reagent plate and cartridge
- Produces robust DNA libraries optimised for Illumina sequencing platforms
- Ideal for low-throughput labs, requiring no advanced automation expertise

FONTUS™ WORKSTATIONS

Designed to simplify workflows and improve turnaround times, Fontus™ liquid handlers combine easy-to-use software, optimised deck access, and verified protocols to deliver reliable, high-performance automation.

- Three portfolios tailored to your needs: application-specific (including dedicated NGS), customisable, and high-efficiency workstations
- Verified NGS protocols for faster setup and reliable results
- Save time and boost productivity with intuitive, powerful automation
- Reliable support to safeguard your projects and reduce downtime
- Flexible configurations to grow with your evolving research demands



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AUTOMATED LIQUID HANDLING



REVVITY SCICLONE™ WORKSTATIONS

Proven performance and an open-deck design make the Sciclone™ G3 workstations ideal for automating a variety of laboratory applications. Their integration-friendly architecture supports flexible configurations tailored to your research needs.

- Suitable for genomics, proteomics, immunoassays, and cell-based assays
- Open-deck design allows easy customisation and integration
- Reliable automation to streamline complex workflows
- Configurable to fit diverse laboratory requirements

JANUS® WORKSTATIONS

Flexible automated liquid handling workstations designed to meet diverse sample preparation needs. Configurable across multiple models and options to suit throughput, capacity, and volume requirements.

- Four versions available: Mini, Standard, Expanded, and Integrator
- Customisable pipetting arm technology and labware movement options
- Supports a broad dynamic volume range and throughput capacity
- Recommended use with Revvity branded pipette tips for maximum precision and accuracy

For research use only. Not for use in diagnostic procedures.





ZEPHYR™ WORKSTATIONS

Compact and adaptable automated liquid handling workstations with a small footprint designed for convenient benchtop use. The deck design allows easy access from all sides, enhancing workflow efficiency and flexibility.

- Supports row-wise and column-wise serial dilutions
- Holds lids during dispensing to improve sample handling
- Seamless integration with other lab instruments
- Barcode identification for sample tracking and management

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CAPE TOWN	JOHANNESBURG	DURBAN	PORT ELIZABETH	BLOEMFONTEIN
52 Old Mill Road Ndabeni Cape Town 7405	48 Gazelle Crescent Gazelle Place Corporate Park South Randjiespark Midrand 1685	Unit 3, Windsor Court, Ground Floor AFS House, 4 Derby Place, Derby Downs Westville 3629	Unit 5.1, Building 3 Ascot Office Park Block 7 Conyngham Street Greenacres 6001	53 President Steyn Avenue Westdene Bloemfontein 9301
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