



Message from CEO



I am very pleased to have the opportunity to introduce our company **InterScience Technologies** with this brochure that presents product and services of World Class principals related to QC/QA, R & D for product developments covering pharmaceuticals, food & beverage, agriculture, fisheries & livestock, water & environment, Petroleum, Gas & Mineralogy, Life Science and Molecular Biology, clinical and related diversified and applied field including academics, research and govt. institutes and NGOs. Until now, our business motto has been expressed as "**Technologies Redefined**" and to support our esteemed customers with state of the art & cutting edge technological solutions from principals we represent in Bangladesh market.

We are currently at a growth stage and accelerating progress toward the achievement of recognition for customers' highest satisfaction. Our goal is to become a top company by consistently providing the best products and services for every customer in each market. We intensely understand the importance of quality products along with maintaining installation standards and finding like-minded supportive suppliers for timely handover products and services. Our unique service standards are based on Quality Products having International Certifications; Installation, Testing and Commissioning by foreign trained engineers; Hands on training to the users for correct DATA generation and safe operation of the system; Satisfactory after sales supports as per written agreement; Committed Periodic Monitoring and Maintenance of the system.

We sincerely acknowledge kind cooperation and supports from our customers, colleagues, well-wishers around. Without their continued cooperation our progressive journey in business would not happen.

While working towards expanding our business areas, we will practice CSR-focused management without fail, towards the goal of becoming a corporate group that makes a wide variety of contributions to society at large.

We look forward to your continuing guidance and encouragement.

With kind regards

M. A. Baten
Chief Executive Officer
InterScience Technologies

ABOUT US

InterScience Technologies has been established as entrepreneur's dream of creating a customer driven company. Presently, the company works with nearly every space of Analytical instrumentations, laboratory equipment as well as clinical laboratory needs and services. We are diversified into departments leading with product solutions to laboratories like QC/QA, R&D for product developments covering pharmaceuticals, food & beverage, agriculture, fisheries & livestock, water & environment, Petroleum, Gas & Mineralogy, Life Science and Molecular Biology & Genomics,

Academic & Research, clinical and related diversified and applied field including academics, research and govt. institutes and NGOs.

By standing firm on its strong establishment the company has developed a customers' base who are mostly satisfied by using supplied equipment and by our after sales service supports. This achievement came through a group of professionals of the company who have extensive experience in the field of relevant sales and service including specialized trainings from abroad and relentlessly thrive to satisfy customers in innovative ways.

VISION

We envision to provide trustworthy & quality products and deliver specialized skilled & the most lucrative services countrywide & globally through continuous evolution & undertaking institutional and structural reforms leading to the creation of a company of international standards.

MISSION

Our mission is to continuously & consistently optimize customers' business through value added product & service excellences. We have acknowledged the responsibilities to improve the quality of lives of employees and service excellence to its stakeholders in congruent with the corporate culture.

OUR CORE VALUES

Our core values are the fundamental beliefs of our organization. They are our guiding principles that dictate behavior and action. Core values help us to determine if they are on the right path and fulfilling their business goals; and they create an unwavering and unchanging guide.



TEAM WORK:

Our first core value, "spirit of unity" is our way of inviting every member of our team to be the same person at the office as they are out of the office. We want to know the authentic version of each of our teammates and celebrate the idiosyncrasies that make each of us unique and special.



CLIENT FOCUS:

We strive to add value to our Client's projects by looking at the big picture and finding the best solution for their situation. We ensure that we have

accurately identified our Client's needs and desires so that we can meet them.



KNOWLEDGE:

One of our other core values is "Learning Crushes Knowing". We believe the future belongs to the learners; those who continue to lean into learning. Simply relying on what made someone successful in the past is rarely the right recipe to lead to similar success in the future. The relentless pursuit of knowledge is a critical behavior at Genesis International.



RESPECT:

We believe to treat people with courtesy, politeness, and kindness. In core actions, we always encourage our coworkers to express opinions and ideas so that each individual feel empowered and can serve our customers' requirement in a very respectable way.

Company at a Glance

Name of Company	InterScience Technologies
Company Address	<p>InterScience Technologies Ataturk Tower, Suite No. 13A, 12th Floor, 22 Kemal Ataturk Avenue, Banani C/A, Dhaka-1213, Bangladesh Hotline: +88 018 444 9 3333 info@intersciencebd.com www.intersciencebd.com</p>
Sister Concern	<p>Hi-Tech Industrial Technologies Ltd. Ataturk Tower, Suite No. 13A, 12th Floor, 22 Kemal Ataturk Avenue, Banani C/A, Dhaka-1213, Bangladesh info@hitechindustrialbd.com www.hitechindustrialbd.com</p>
Type of business	Marketing, Sales, Distribution & Service
Major field of works	<ul style="list-style-type: none"> ■ QC/R&D/Research Laboratory and analytical instruments and consumables Sales & Service ■ Life Science & Molecular Biology Products ■ Water, Waste Water Analysis/Test Equipment ■ Material Science & Surface Characterization ■ Healthcare Products Supply ■ Microbiological Products & Consumables
Major sectors focused	<ul style="list-style-type: none"> ■ Pharmaceuticals and Biotech ■ Food, Beverage & Dairy ■ Water & Environment ■ Agriculture, Fisheries & Livestock ■ Petroleum, Gas & Mineralogy ■ Life Science, Molecular Biology and Genomics ■ Academics & Research ■ Clinical ■ Informatics & Lab Automation ■ Quality & Regulatory Compliance Management System
Store & Inventory	Store & Inventory having area of 2000 Sq. Ft is fully under Computerized Inventory Control System along with proper refrigeration for temperature sensitive reagents. The Store & Inventory room is at Ground Floor at Narayanganj, Dhaka. A buffer Stock is always maintained in Head office to support Quick Service Supports Program (QSS).
Service Center	300 sft. well-equipped service center run by foreign trained engineers



Seeing beyond

As a leading manufacturer of microscopes ZEISS offers inspiring solutions and services for your life sciences and materials research, teaching and clinical routine.

Choose the ideal solution for your tasks and applications from a broad spectrum of Light, Confocal, Electron and X-Ray Microscopes. Highly skilled and well-trained application specialists support your work and make sure you get the most out of your investment.

Research Microscopy Solutions

Carl Zeiss Microscopy GmbH

07745 Jena, Germany

www.zeiss.com/microscopy



SCANNING ELECTRON & ION MICROSCOPES - For Scientific and Routine Research

Scanning Electron Microscopes (SEM) scan a sample with a focused electron beam and get images with information about the samples' topography and composition. CSEMs (conventional SEMs), FE-SEMs (field emission SEMs) and ZEISS Crossbeam (FIB-SEMs) deliver high resolution imaging and superior materials contrast.

Applications of SEMs

- Materials science for research, quality control and failure analysis.
- Semiconductor inspection
- Forensic investigations for Criminal and others
- Biological sciences
- Automated Mineralogy Analyzer for Mineralogy and mining.



Field Emission Scanning Electron Microscope (FESEM)

ZEISS X-RAY TOMOGRAPHY SOLUTIONS - High Resolution 3D X-ray Microscopy and Computed Tomography



ZEISS Xradia 610 and 620 Versa

The Xradia Versa family of submicron XRM uses patented X-ray detectors within a microscope objective turret to enable increased magnification on various sample types and sizes.

Highlights

- Characterize the properties and behaviors of your materials.
- Reveal details of microstructures in three dimensions (3D).
- Develop and confirm models or visualize structural details.
- Achieve high contrast and submicron resolution imaging even for relatively large samples.

CONFOCAL LASER SCANNING MICROSCOPES - Your Next Generation Confocal Microscope with Multiplex Mode

New LSM 980 with Airyscan 2 is the ideal confocal microscope for 4D Imaging.

Your Materials and Life Sciences Research can be demanding, and if you are involved in neuroscience, cancer research or other cell or organism-based disciplines, you'll often need Confocal Microscopy data for your work.

Highlights

- Characterize topographic structures and evaluate surface roughness with non-contact confocal imaging
- Determine the thickness of coatings and thin films
- Use a range of imaging techniques including polarization and fluorescence in optical contrast.



Confocal Microscope

Applications

- For Advanced Imaging and Surface Topography.
- Characterization of 3D microstructures surfaces topography
- LSM 9 family enables precise, three-dimensional imaging and analyses of nanomaterials, metals, polymers, and semiconductors.

CORRELATIVE MICROSCOPY - Bridging the Micro and Nano World

Uniting Electron and Light Microscopy for Life Sciences and Materials Analysis. Move beyond the boundaries of microscopy to achieve the best-in-class results.

The highest level of productivity in correlative microscopy ZEISS presents the first easy-to-use, highly productive workflow from a Light to an Electron Microscope and vice versa. Bridge the gap between structure and function by combining your Scanning Electron Microscope (SEM) with a Light Microscope.



Correlative Microscopy

ZEISS ZEN Shuttle & Find supports:

- Specific correlative holders for glass cover slips (22mmx22mm) and TEM grids
- Light Microscopes: SteREO Discovery, Axio Zoom.V16, Axio Scope, Axio Imager, Axio Examiner, Axio Observer,

Laser Scanning Microscopes (LSM 9 family), Elyra superresolution systems

- Scanning Electron Microscopes (SEM): Evo, Sigma, GeminiSEM, Crossbeam

MOTORIZED RESEARCH MICROSCOPE PLATFORM - For Particle Analysis Systems, Advanced Materials and Life Sciences Research

ZEISS Particle Analysis Systems for Technical Cleanliness from Carl Zeiss Microscopy

ZEISS Particle Analyzer for Technical Cleanliness is the microscopy system of choice for residual dirt analysis and quality control of routine industrial tasks. You can use it to identify particles based on their morphology and you can automatically capture, measure and record the particle size supporting ISO standards.



Partical Analysis System - Axio Imager

Features

- Record particle size accurately in all size classes Particle Analyzer's motorized microscope system automatically ensures that all settings are chosen to measure particle size correctly – from the contrast technique and magnification and exposure time of the camera, right through to the illumination settings.
- Analyze complete mosaic images in their overall

context, simply and accurately

- Automatically classify particle type, size and shape – quickly
- Acquire reproducible results, even for the tiniest particles, supporting all relevant standards and norms
- Identify the proportions of metallic and non-metallic particles in dirt analysis by the total volume of contamination

GxP MODULE IN ZEISS ZEN 2 CORE - Software Module for Regulated Industries.

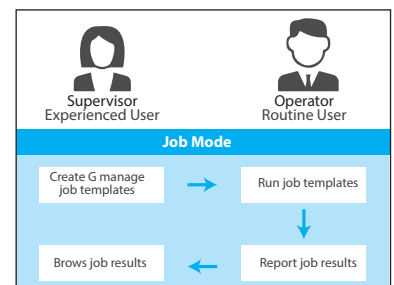
The GxP module as part of the ZEN 2 core imaging software fits exactly to regulated industries such as the pharmaceutical or food industry. Combined with the required qualification and validation activities to make your system compliant to e.g., 21 CFR Part 11.

User Management & Roles

- Audit Trail
- Checksum encrypting protection and electronic signature of result data and job templates in the local archive
- Release procedure for Job Templates
- Different user roles (e.g., operator and supervisor) allow configurable access to the system

The module helps

- Quality Managers
- Validation Engineers
- Lab Managers
- IT Managers



User Management

★ For more information visit www.zeiss.com/microscopy

UPRIGHT MICROSCOPES - Your Smart Microscope for Biomedical Research and in the Materials Lab

Upright Microscopes are the right choice if your routine inspection tasks place high demands on usability, reproducibility and automation in the field of Life Sciences, Materials Research and Metallography. The full advantage of a smart standalone microscope system that will Boost Your Productivity.

Highlights

- Flexible choice of components like Stands, objectives, Illuminations, Cameras and Software.
- Full Motorization of the X, Y, and Z motion axes opens many opportunities for advanced imaging
- Quality Optics from Zeiss
- Smart Microscopy-without needing additional imaging software or even a computer, you can:
 - Snap images and record videos directly from your stand
 - Use the mouse to control your camera via on-screen display (OSD)
 - Save settings
 - Store images with all metadata of the microscope and camera as well as scaling information

Applications

- Materials Research and Metallography
- Mineralogy
- Biology research
- Human & veterinary medicine
- Microbiology
- Plant Sciences & Botany
- Forensics



Primostar 3 HDCam



Axioscope 7 Upright Research Microscope

Model ■ Primostar 3 ■ Axiolab 5 ■ Axioscope 5/7 ■ Axioscope Vario ■ Axio Imager 2 ■ Axio Examiner

INVERTED MICROSCOPE - Your inverted microscope platform for Life Sciences and Materials Research

Zeiss Inverted Microscope Ensured flexibility for technologies ranging from widefield to gentle super-resolution imaging. With Inverted Microscope you examine large, heavy samples, using a wide range of classic and advanced contrast methods. Switch easily between **brightfield, darkfield, DIC, C-DIC, fluorescence and polarization contrast in reflected light**. In transmitted light, use brightfield, polarization and phase contrast.

Highlights

- Facilities for automation and motorization
- Save Time in Metallographic Investigations
- Fast Imaging with a Wide Range of Objectives
- Flexible choice of components like Stands, objectives, Illuminations, Cameras and Software.
- LED Excitation – Gentle on Your Living Samples
- Ergonomic Design Makes Your Work Easier
- The IVF contrast system unites iHMC, PlasDIC and DIC without modification

Model

■ Primovert ■ Axio Vert.A1 ■ Axio Observer 3/5/7



Axio Vert.A1 Inverted Microscope

STEREO AND ZOOM MICROSCOPES -Your Stereo Zoom Microscope for Excellent Image Contrast.

Generate three-dimensional and laterally precise images. With a Stereo Microscope you observe large samples such as leaves and tissues or inspect rough material surfaces. Upgrade your microscope flexibly with different digital cameras and benefit from various types of illumination techniques.

Highlights

- Large Field of View and Apochromatic Correction
- Motorized Components for reliable results
- Apochromatic Optics
- Bright Fluorescence in Large Fields
- Zoom between large object fields in minute detail
- Optimized Zoom for Your Application
- Intelligent Transmitted Light Over the Whole Zoom Range

Applications

- Life Sciences
- Material Sciences
- Lithium Ion Battery
- Human cells
- Schematic illustration of the grid projection
- Inspection control of coal brush

Models ■ Stemi 305 ■ Stemi 508 ■ SteREO Discovery Series ■ Axio Zoom.V16 ■ Smartzoom 5



Stereo and Zoom Microscopes



Smartzoom 5
Automated Digital Microscope

DIGITAL CLASSROOM - Future Technology in the Classroom

Microscopy training courses are an essential part in the curricula of life- and earth sciences.

Your students use microscopes in order to understand the morphology of human, animal or plant cells. They need to gain deeper knowledge of sample preparation, staining procedures and finally sample examination to identify e.g. blood cell disorders. Some lectures require a thorough knowledge of various microscopy techniques and software for image acquisition and documentation.

Benefit from a digital classroom:

- Move freely in the classroom while monitoring student microscopes.
- Talk to students and share their live stream with others.
- Pick a student's images and explain them to others.
- Share images and videos online.
- Choose between two standard infrastructures (LAN or HDMI), or combine them for best performance.



Digital Classroom by Carl Zeiss

Recommended Products for Digital Classroom

- ZEISS Primostar 3 HDcam
- ZEISS Stemi 305
- ZEISS Labscope

DIGITAL SCIENTIFIC MICROSCOPY CAMERA - Technology from ZEISS

Demanding Microscopy applications call for a combination of excellent contrast, resolution, dynamic range, sensitivity and readout speed. In all these aspects, the performance of the new ZEISS Axiocam Microscope Cameras benefits greatly from their new high-quality CMOS and CCDS sensors.

Highlights

- Cameras for Education and Laboratory
- Cameras for High End Color
- Cameras for High End Fluorescence



ZEISS Axiocam Microscope Camera Series

★ For more information visit www.zeiss.com/microscopy



Advancing the World of Health

BD Life Sciences – Diagnostic Systems is dedicated to providing the most relevant, rapid, high-quality microbiology solutions for pharmaceutical and medical device manufacturers, food and beverage producers, personal care product manufacturers and academic institutions. With more than 180 years of microbiology experience, BD offers traditional and rapid microbiology solutions for bioburden, sterility, objectionable organisms or pathogens, identification and environmental monitoring.

Microbiology

Becton, Dickinson and Company

1 Becton Drive
Franklin Lakes, NJ 07417-1880, USA
Phone: 201.847.6800
www.bd.com



AUTOMATED MICROBIAL IDENTIFICATION SYSTEM PHOENIX™ M50

Advanced data management

This Data Management solution, developed according to GMP requirements, combines Environmental Monitoring results for ease of use, reporting and trend analysis.

- 21CFR Part 11
- Matrix of 175 trillion biochemical profiles.
- Only Three panels for all kind of Target Organisms.
- Complete traceability
- Trend analysis
- Connectivity to LIS



MALDI-TOF-MS FOR MICROBIOLOGY



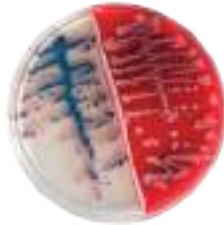
BD MALDI TOF-MS

The MALDI Biotyper CA System identifies microorganisms using MALDI-TOF (Matrix Assisted Laser Desorption Ionization Time of Flight) Mass Spectrometry to measure a unique molecular fingerprint of an organism. Specifically, the MALDI Biotyper CA System measures highly abundant proteins that are found in all microorganisms.

- FDA-cleared database to determine the identity of the microorganism.
- Sensitive, can work with 100,000 cells, small colonies preferred
- Results in minutes after culture, not hours or days
- Large, HIGH QUALITY library with >3900 microbial strains in library representing >2000 species
- Lower consumables cost
- Automated, up to 96 samples can be done in a single run
- No gram stain required, works for gram positives, gram negatives, yeast and fungi

BD BBL™ PREPARED PLATED MEDIA

STORAGE FLEXIBILITY: A storage temperature range of 2-25°C provides you improved flexibility and resource utilization. **SAMPLE SECURITY.** SNAP LID RODA'L plates reduces risks during sampling and handling.



RESOURCE EFFICIENCY: Maximize batch sizes and reduce incoming QC testing with up to 6 months shelf life.

OPTIMAL MEDIA APPEARANCE: A robust sleeve material with desiccant reduces environmental effects on the media.

STERILITY ASSURANCE: An SAL claim of 10⁻⁶ minimizes the risk of false positives and protects your environments from the risk of contaminants.

EASE OF TRANSFER: Triple-wrapped packaging enables easy transfer and storage while maintaining sterility.

VHP RESISTANCE: Validated VHP resistance of the sleeve material and hanging holes on each bag improves handling in the isolator.

EASE OF OPENING: Even with isolator gloves, opening and removal from the packaging is simple.

DEHYDRATED CULTURE MEDIA, ADDITIVES AND CHROMOGENIC MEDIA

BD supplies more than 400 different BD Difco™ and BD BBL™ brand media formulations and ingredients in dehydrated form for the convenience of the laboratorian and bioprocessing specialist.



BD™ Select APS TSB

- Manufactured in an Animal Origin-free, Antibiotic-free facility
- Mycoplasma Testing upon release
- Endotoxin Testing upon release

The BBL™ CHROMagar™ family of products utilize a chromogen mix that consists of artificial substrates (chromogens) that release differently colored compounds upon degradation by specific microbial enzymes, thus assuring the direct differentiation of certain species or the detection of certain groups of organisms with only a minimum of confirmatory tests.

Sizes

Dehydrated culture media are offered in 100-g and 500-g bottles, and 2-kg, 5-lb, 25-lb, 10-kg and 450-g containers.

ENVIRONMENTAL SYSTEMS

BD Bio-Bag™ system

The BD Bio-Bag system includes environmental chambers that incorporate traditional gas-generation methods into a reliable pouch system.

BD GasPak™ systems and accessories

BD offers systems and accessories that support BD GasPak systems for the generation of anaerobic, microaerophilic or CO₂-enriched environments.



★ For more information, please log in www.bd.com

Charles River Laboratories, Inc., is an American corporation specializing in a variety of pre-clinical and clinical laboratory services for the pharmaceutical, medical device and biotechnology industries. It also supplies assorted biomedical products and research and development outsourcing services for use in the pharmaceutical industry. Its customers include every major pharmaceutical and biotechnology company in the world, major academic institutions and government research centers.

Charles River Laboratories
Wilmington,
Massachusetts, USA
www.criver.com



Rapid Kinetic Endotoxin testing System (Portable) Endosafe® nexgen-PTS™



ENDOSAFE® NEXGEN-PTS™

- Quantitative endotoxin results available in 15 minutes
- System includes the reader and FDA-licensed LAL cartridges
- Compliance with 21 CFR Part 11 guidelines
- The cartridges automatically perform a duplicate sample and positive product control, thereby satisfying the harmonized BET chapters USP<85> or EP<2.6.14> for LAL testing.
- Quantitative results can be downloaded to a central PC for tracking and trending
- Three levels of sensitivity are available – 0.01, 0.05 and .005 EU/mL – for testing options

GEL-CLOT & END-POINT LAL REAGENTS

The gel-clot assay is a simple qualitative method best used for low-volume laboratories. Charles River's lysate features a firm gel over a wide range of sensitivities as the buffered reagent provides better interference resistance for routine testing.

Endosafe® Rapid LAL Single Test Vials are used for routine endotoxin detection in research samples, renal dialysis process water, and dialysate solutions and provide a simple, self-contained option for these settings. End-point chromogenic reagent is a non-kinetic LAL assay that yields quantitative results quickly over a narrow standard curve range, without the need for an incubating plate reader.

For many applications, the Endosafe®-PTS™ offers advantages of speed and convenience to the end-point user.



GEL-CLOT REAGENTS

Rapid Kinetic Endotoxin testing System (Multiple Samples) Endosafe® nexgen-MCS™

- Quantitative endotoxin results available in 15 minutes,
- Test up to five samples simultaneously
- Samples run independently, allowing for random access
- Uses FDA-licensed Endosafe®-PTS™ cartridges
- USP/EP BET-compliant
- Four levels of cartridge sensitivity: 0.005 EU/mL, 0.01 EU/mL, 0.05 EU/mL, 0.10 EU/mL
- 21 CFR Part 11-compliant



ENDOSAFE® NEXGEN-MCS™

Rapid Sterility Testing System (4-7 days) Celsis Advance II™



CELSIS ADVANCE II™ SYSTEM

- Results in just 24 hours for micro limits testing
- Results in 4-7 days for sterility testing,
- Runs up to 120 samples per hour with the option of combining multiple batches or protocols into a single run
- Developed exclusively for industrial microbiology laboratories
- Offline incubation maximizes system throughput
- Click to start: enjoy walk-away automation
- Enabling users to reduce micro hold times and quickly release to market.
- Reduces warehousing costs, and improves overall profitability.

Cortex Endotoxin Analysis Software

- Real-Time Tracking and Trending
- Custom Alerts with Cortex Endotoxin Analysis Software
- Operational Management of Equipment Fleet
- Automatic Data Imports
- A Robust Audit Trail
- Three Levels of User Management Profiles
- Digitally sign and include comments in Cortex Software
- Compliance with 21 CFR Part 11



★ For more information visit www.criver.com

PerkinElmer, Inc., is an American global corporation focused in the business areas of diagnostics, life science research, food, environmental and industrial testing. Its capabilities include detection, imaging, informatics, and service. PerkinElmer produces analytical instruments, genetic testing and diagnostic tools, medical imaging components, software, instruments, and consumables for multiple end markets.

PerkinElmer, Inc.
Waltham, MA, USA
Contact: (+1) 203-925-4602
www.perkinelmer.com



Chemagic- 360 instrument for Nucleic Acid Extraction

The use of the chemagic 360 instrument simplifies and improves time consuming sample preparation steps in nucleic acid isolation significantly, by using the chemagic Dispenser 360 unit. The chemagic Dispenser 360 notably reduces hands-on time when preparing a chemagic 360 run. Independent of the amount of needed buffer, the additional unit prefills tubes/plates quickly and accurately. Variants of the chemagic Dispenser 360 unit are available to suit the corresponding chemagic Rod Head formats (12 and 24/96).

- Sample volumes from 10 µl – 10 ml
- High throughput
- Huge kit portfolio – whole blood, saliva, serum/plasma etc.
- No cross contamination
- Revolutionary compact bench top design.

Chemagic Software at a glance:

- Bar code reading/sample tracking
- LIMS compatible log files
- Easy navigation and set up
- Pre-installed protocols
- Tracking the progress of a running protocol



Chemagic- 360 instrument

Lab Chip GX Touch for Electrophoresis



Lab Chip GX Touch for Electrophoresis

- Quantitate DNA and RNA sample integrity hours faster than agarose gels
- Maximize rare or low-concentration samples like cfDNA, PCR-free, and ChIP-seq.
- Accurate quantitation down to 25 pg/µL for DNA smears and .5 pg/µL for fragments
- Complete NGS library prep and QC
- Flexible throughput options make it cost-efficient—96-well or 384-well (HT) format
- Data visualization options (electropherogram, virtual gel, or tabular report)

Multimode Microplate Readers

- Absorbance (Filter / Spectrometry) (no filter required)
- Fluorescence
- Luminescence
- Dual Injector Dispenser Module



EnVision



Victor Nivo



EnSight

Applications:

- Cell viability/proliferation/toxicity
- Drug screening
- Pathway analysis
- Receptor panning
- Biomarkers
- Protein:protein interaction
- Gene expression
- Food monitoring
- Epigenetics

Assay Formats:

- Cell-based
- Biochemical
- Binding
- Kinetics
- Immunoassay/ELISA
- Quantification (DNA/ RNA, protein)
- Reporter gene/GFP
- Primary cells

Targets:

- GPCRs
- Kinases
- Protease
- Ion channels
- Cytokines

Versatile JANUS G3 Automated Liquid Handling Platform



Versatile JANUS G3 Automated Liquid Handling Platform

- Delivers real-time and future adaptability in throughput, capacity & dynamic volume range from 0.5 - 5000 μ l
- Consistent and reproducible sample preparation
- Choice of pipetting heads, gripper options & application accessories for complete, walk-away automation
- Win PREP user friendly software provides "drag-and-drop" applications programming without complexity
- Includes four workstations - Mini, Standard, Integrator & Expanded platforms
- Additionally NGS and Bio Tx application specific workstations for NGS library preparation and small scale purification, respectively

Live/ *in vivo* Imaging of Animal

IVIS Lumina X5 Imaging System

- High-sensitivity 2D optical imaging (bioluminescence and fluorescence)
- High resolution, low dose X-ray with optical overlay
- High-throughput format with a 20 x 20 FOV sufficient for imaging 5 mice simultaneously
- Unique animal handling accessories and software tools to streamline throughput



IVIS Lumina X5 Imaging System



IVIS Lumina X5 Image

FMT Series

- 3D fluorescence tomography for deep tissue imaging
- Quantitates up to four fluorophores simultaneously
- Compact design that fits on your benchtop



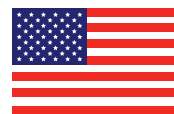
FMT Series

★ For more information visit www.perkinelmer.com



HACH offers the most comprehensive water quality analysis solution for all industries including Pharma and Life Science. With over 6 decades as the leading expert in water quality analysis.

Hach Company
P.O. Box 389
Loveland, Colorado
80539-0389, USA



- Influent Water Treatment
- Pure Water, Highly Purified Water and Ultra-Pure Water
- Water from Injection
- Effluent Water Treatment
- Sewage Water Treatment

LABORATORY SPECTROPHOTOMETER FOR WATER ANALYSIS



Water Testing needs all in one Spectrophotometer

- **DR 6000:** UV – VIS (190-1100 nm), Preprogrammed Methods: > 250, User Programs:200
- **DR 3900:** UV – VIS (320-1100 nm), Preprogrammed Methods: > 240, User Programs:100
- **DR 1900:** UV – VIS (340 - 800 nm), User Programs:50
- **DR 900:** 420, 520, 560, 610 nm
- **DR 300:** Pocket Colorimeter

BENCHTOP / PORTABLE METER

Multipara Meter Testing Parameter:

pH, Dissolved Oxygen (DO), Conductivity (EC), Total Dissolved Solid (TDS), Ammonia, Ammonium, Fluoride, Nitrate, Sodium & ORP.



Different Probe (pH/EC/DO/Ammonia)



Portable Multi-Meter Model: HQ2200



- HQ1140 Portable Dedicated Conductivity/TDS Meter with Conductivity Electrode,
- HQ1130 Portable Dedicated Dissolved Oxygen Meter with Dissolved Oxygen Electrode
- HQ1110 Portable Dedicated pH/ORP/mV Meter with Gel pH Electrode

COD APPARATUS:

The DRB200 is designed to save time and ensure accuracy during testing:

- By heating samples from ambient to 150° C in less than 10 minutes.
- Providing a digital timer with automatic switch-off feature and audible signal to alert technicians
- Capacity: 15 vials x 16 mm (single block) or 30 vials x 16 mm (dual block)



DRB200 (COD Testing)

BODTrak II Respirometric BOD Apparatus

- Faster than Dilution Method
- BOD results that are easy to monitor
- Standalone operation



BODTrak II

TURBIDITY METER

- US FDA Accession number: 1420493-000 EPA version, 1420492-000 ISO version
- Complies with IEC/EN 60825-1 and to 21 CFR 1040.10 in accordance with Laser Notice No. 50
- Convenient data logging
- Range: 0-1000 NTU
- Data Logging: 500 Records



Laser Turbidimeter
Model: TU5200



Portable Turbidimeter
Model: 2100Q

ON-LINE SENSORS & ANALYZERS

INFLUENT/WFI/PW



TOC



Hardness



Turbidity



Conductivity

PROCESS



5500sc
Silica Analyzer



NA5600sc
Sodium Analyzers



Amtax sc
Ammonium Analyser



Head space
Oxyzen Analyzer



Dissolved
Oxyzer



Ozone



pH



Amperometric
Chlorine Analyzer



Colorimetric
Chlorine Analyzer

WASTE WATER/REFULENT



pH



Conductivity



LDO



Industrial Titrator &
Ion Selective Analyzer



COD / BOD
/ TOC

HACH TEST KITS

Arsenic, Alkalinity Ammonia, Iron, Manganese, Chlorine, Chloride, Hardness, Nitrate, Ozone, Sulphate, Color, Lead, Zinc, Silica, Fish Farming Test Kit (FF1/FF2/FF3), Surface Water Test Kit, Combined Ecology Test Kit, Boiler Feed Test Ki etc.



HACH MICROBIOLOGY



Membrane Filter



Membrane
Filtration System



Vacuum
Pump



Hand Pump



m-ColiBlue24®
Broth



m-FC with
Rosolic Acid



PathoScreen
Field Test Kit

★ For more information, please log in www.hach.com

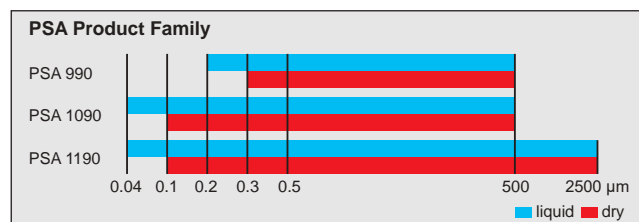
Anton Paar develops produces and distributes highly accurate laboratory instruments and process measuring systems, and provides custom-tailored automation and robotic solutions. It is the world leader in the measurement of density, concentration and CO₂ and in the field of rheometry. Anton Paar GmbH is owned by the charitable Santner Foundation.

Anton Paar GmbH
Anton Paar Strasse 20
8054 GRAZ, AUSTRIA
www.anton-paar.com



PARTICLE SIZE ANALYZERS - Particle analysis at the touch of a button

With the laser diffraction technology of the PSA series, you can determine the particle size and particle size distribution of both – liquid dispersions and dry powders from the nanometer up to the millimeter range.



Key Features

- Compact 2-in-1 design to measure both wet and dry samples
- Multi-laser technology for a broad measurement range
- Accurate size distribution of dry powders
- Accuracy, repeatability, and stability for a lifetime



PSA Series

LITESIZER SERIES - Zeta potential

The Litesizer is an instrument for characterizing nano- and microparticles in dispersions and solutions. It determines particle size, zeta potential, and molecular mass by measuring DLS, ELS, and SLS.



LiteSizer Series

Unique Features

- Wet and Dry mode in one system
- Alignment free
- No Quartz/Glass measurement cell for dry dispersion
- Alternate Loop for Oil Dispersions
- Resistant to small vibrations
- Single page intuitive Kalliope™ common for DLS & LD
- Peristaltic Pump
- Integrated CCD camera for observing the dispersion & aggregates

RHEOMETER - The world's most successful rheometer series

Your Modular Compact Rheometer (MCR) rheometer is efficiently and comfortably adapted to meet your needs, from routine quality control to high-end R&D applications.

Key Features

- The robust one
- Equipped with a ball bearing motor
- For measurements in rotation (and oscillation for special applications)
- Ideal to measure your samples' flow behavior



Rheometer series

TOSCA SERIES - Atomic Force Microscope

The fastest measurement setup and largest sample stage, the Tosca series will keep up with your AFM nano surface analysis. Tosca is the first choice for researchers, pioneers, thinkers, and creators in nanotechnology material science.

Key Features

- Top-level AFM for entry-level budgets
- Biggest sample stage in price segment (50 mm fully addressable)
- Fastest time-to-measure on the market (only 3 min)
- Scan size of 15 μm in Z and 90 μm x 90 μm in X and Y direction
- Cantilever exchange in less than 10 seconds
- All modes on the same sample spot without head exchange



Tosca series

AutoFlow BET+ Surface Area Analyzer

Key Features

- Fully automated state-of-the-art dynamic flow system AutoFlow BET+ allows extremely rapid evaluation of the surface areas of solid samples
- BET surface area: >1.0 m^2
- Analysis stations: 1, 2, or 3; each station is 100 % independent
- Dedicated degassing stations: 3
- Both single-point and multi-point determination of surface areas
- Up to three independent analysis stations; three degassing stations
- Results in as little as 5 minutes per point



AutoFlow BET+ Surface Area Analyzer

POREMASTER - Automated Mercury intrusion porosimeters

The PoreMaster series of mercury intrusion porosimeters significantly minimizes exposure to both liquid mercury and mercury vapor, ensuring maximum safety for operators.

Applications

- Pharmaceuticals
- Bone and Dental Studies
- Catalysts
- Ceramics and Refractories
- Filtration Media
- Medical Devices
- Papers and Pigments
- Polymers
- Soils and Rocks
- Battery Components



Poremaster

XRDynamic 500 Automated Multipurpose Powder X-Ray Diffractometer

Reveals information about the phase composition, crystal structure & microstructure of samples.

Key Features

- Self-alignment: Instrument and sample for maximum convenience
- Goniometer:
 - o Configuration: Vertical Theta/Theta geometry
 - o Measurement radius: 360 or 400 mm
 - o Maximum usable angular range: -95° to 162.5° 2theta
 - o Minimum step size: 0.0001°
 - o 2theta linearity: $\leq 0.01^\circ$
 - o Maximum angular speed: $15^\circ/\text{sec}$
 - o Maximum angular resolution: 0.021° (FWHM of 1st LaB_6 peak)



XRDynamic 500
Automated Multipurpose
Powder X-Ray Diffractometer

Materials to analyze -

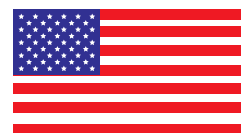
- Minerals
- Pharmaceuticals
- Chemicals
- Metals and Alloys
- Building materials
- Nanomaterials
- Batteries
- Food samples
- Colloids & Biological samples

* For more information, please log in www.anton-paar.com

Thermo Scientific instruments, equipment, software, services and consumables empower scientists to solve for complex analytical challenges in pharmaceutical, biotechnology, academic, government, environmental and industrial research, as well as the clinical laboratory. Our products address a range of needs from sample, material characterization and chemical analysis to clinical diagnoses and biological-based therapeutics manufacturing.

ThermoFisher Scientific

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Phone: 781-622-1000



K-Alpha X-ray Photoelectron Spectrometer (XPS) System

Fast, powerful and accessible chemical analysis for surface and thin film characterization.

Achieve research-grade results with the minimum effort. The Thermo Scientific™ K-Alpha™ X-ray Photoelectron Spectrometer (XPS) System is a fully integrated, monochromated small-spot XPS system with depth profiling capabilities. State-of-the-art performance, reduced cost of ownership, increased ease of use and compact size make the K-Alpha X-ray

XPS System ideal for a multi-user environment.

Key Features

- High-performance spectroscopy
- Chemical state imaging
- Insulator analysis
- Depth profiling



K-Alpha XPS System

X-ray Diffraction XRD Equinox Series

Real Time X-Ray Diffractometer with CPS 1D Detector. Suitable for Academic, Research and Industrial Application. Ultimate Fast Analysis , No Moving Parts, From benchtop 50 Watt to Floor Mounted 3KW c . Phase Identification and Quantification , Non Ambient -High and Low Temperature, Restricted RH Application, Thin Film GIXRD, XRR , Stress, Texture, Capillary for Pharmaceutical Products, CFR 21 Compliance.



XRD Equinox

Simultaneous-Sequential WDXRF Series ARL 9900 / PerformX /OptimX Series

ARL 9900 Fully Simultaneous Sequential Wavelength Dispersive X-Ray Fluorescence spectrometer for high sample through put for Industrial Needs, Option of Monochromators, Goniometer, Limited XRD application specific in Single Instrument. Model Available upto 4.2 KW, Elemental Coverage Be to Am



ARL 9900



ARL PerformX

ARL PerformX top Class high precision in various industries like steel, copper, aluminum, cement and mining. Academic & Research , Food etc, Purely Sequential WDXRF with power variants from 1500 watt, 2500 Watt, 4200 Watt , Superior Accuracy because of Gearless Goniometer and patented UCCO technology Option for standardless software, Liquid Applications, Small Spot Analysis , Failure Determination, 3D Mapping , Elemental Options Be to Am

EDXRF Spectrometer- ARL QuantX

Affordable and Dependable Energy Dispersive X-Ray Spectrometer with literally no moving Parts, For all your basic analytical demands, Academic Research, Food, Air Filter, Minerals, Metals, Glass, ROHS, Environment applications. provides major, minor and trace element quantification across the broadest range of samples, including bulk solids, granules, powders, thin films and liquids. Featuring standard less software and accessories, this complete benchtop EDXRF (Energy Dispersive X-ray Fluorescence) system meets the elemental analysis



ARL QuantX

Optical Emission Spectrometer OES - ARL ISPAK PMT and EASY SPARK CCD

ARL ISPAK Series is legacy PMT based model for high Through Put and Superior Accuracy to meet your indigenous and Export demands, 1 meter focal length and PMT system ensures all analytical demands including Inclusion analysis. Available for Several Bases, Fe, Al, Cu, Ti, Co, Sn, Precious Metals, etc.



ARL ISPAK PMT



EASY SPARK CCD

ARL Easy Spark Series is for medium sample through put and low investment Metal Segment. Special Trilinear CCD ensures capturing all the necessary elements and quick result output no maintenance ensures peace of mind for the user.

Raman Imaging Microscope



Find exactly what you are looking for by quickly exploring the entire area of a sample using our intelligent approach to chemical imaging and data collection. The Thermo Scientific™ Raman Imaging Microscope reveals visual information with speed and simplicity. High performance chemical imaging is now accessible to all, accelerating research for new and experienced users alike. Transform the way you approach materials analysis.

NMR Spectrometer II picoSpin Series - NMR spectra right on your benchtop

The compact and affordable Thermo Scientific™ picoSpin™ Series II spectrometers bring the quantitative and qualitative power of Nuclear Magnetic Resonance (NMR) spectroscopy to your benchtop, giving you the ability to monitor reactions, and confirm product structure when and where you need to.

The picoSpin Series II NMR spectrometers are available in two different field strengths to fit your needs. Choose the picoSpin 80 where superior sensitivity and resolution are needed or the picoSp.



NMR Spectrometer

★ For more information, please log in www.thermofisher.com

STARLIMS provides leading Laboratory Information Management Systems (LIMS) solutions that have served customers around the world for more than 35 years. STARLIMS solution suite helps to improve the reliability of laboratory **sampling processes, manage complex testing workflows and analytical methods, support compliance with global regulatory requirements and industry standards, and provide comprehensive reporting, monitoring and analysis capabilities.** With multiple support centers throughout the world, STARLIMS solutions are used in labs across multiple industries and disciplines including **pharma & biotech, life sciences, food & beverage, manufacturing, petrochemical refineries and oil & gas, chemical, public health, forensics and environmental.**

Starlims Corporation
 4000 Hollywood Boulevard Suite 333
 South, Hollywood, FL,
 USA, 33021-6755



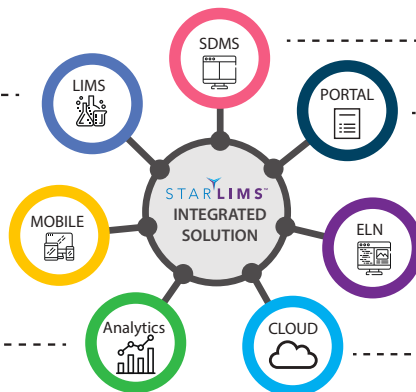
STARLIMS INTEGRATED SOLUTION

Consolidate all types of laboratory information with one system and one partner. STARLIMS seamlessly integrates LIMS with SDMS, ELN, Advanced Analytics and Mobile applications.

Reduce costs and turnaround times, increase efficiency and testing volume, boost quality lab productivity.

Access your lab from virtually anywhere.

A clear overview of your laboratory, its efficiency, trends and bottlenecks.



Information centralized, quickly available and searchable.

Manage orders effectively and seamlessly.

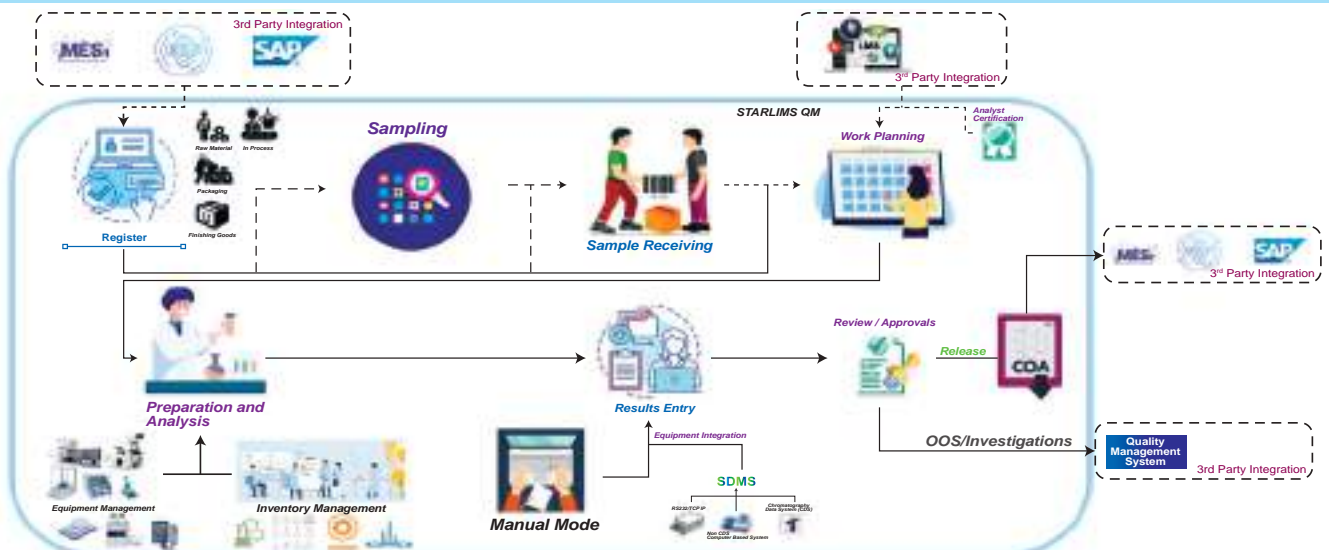
Become paperless, harmonized and promote collaboration.

Your system in the cloud: secure & convenient.

ONE DEDICATED PARTNER

RM, IP, FG TESTING STABILITY EM & MICO	ALL TYPES OF EQUIPMENT INTERFACE	READY TO USE INTERFACES SAP, ERP, CDS, QMS, DMS, LMS	ONE LIMS FOR API, FORMULATIONS, BIOLOGICS, R&d, CLINICAL TRAILS	21 CFR PART 11, FDA, DATA INTEGRITY, OTHER COMPLIANCE ASSURANCE
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PAPERLESS SOLUTION



Equipment Integration Types and Data Flow

DEVICE INTEGRATION

- RS232 Serial Port Interface
- Label Scanning & Printing
- Image / Document capture

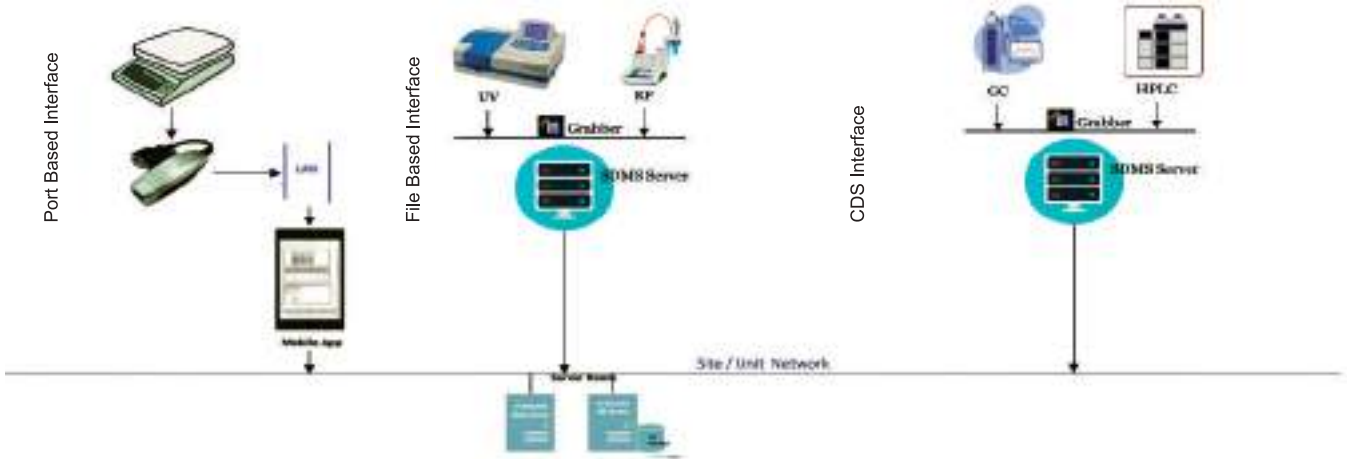
FILE INTEGRATION

- XML
- Word / Excel Automation
- PDF

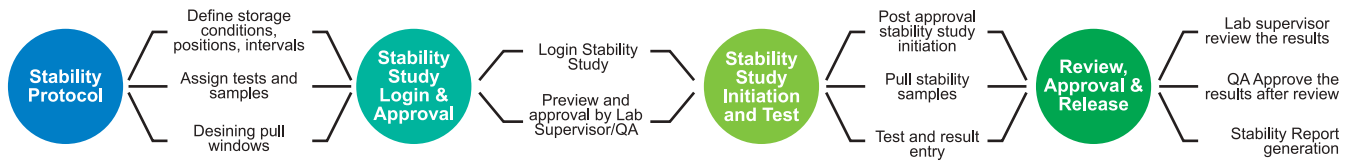
CDS Interface

- Bi-directional
- Uni-directional / file based

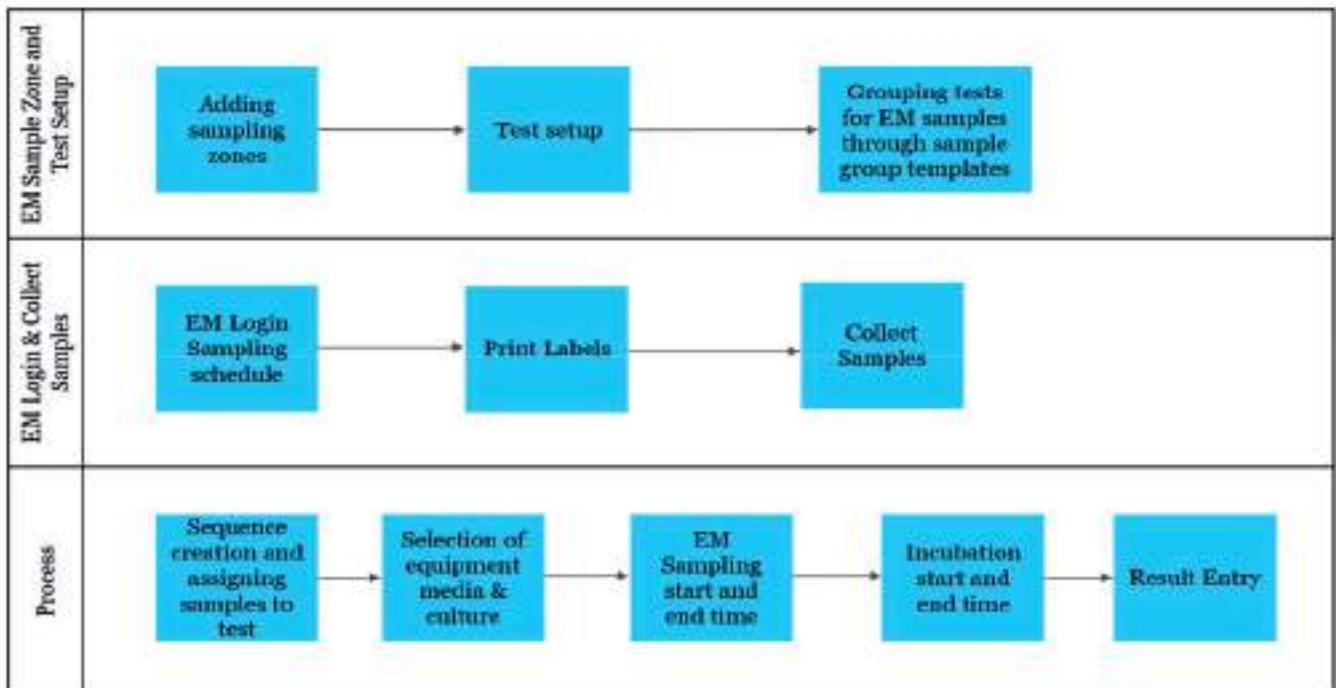
Lab Environment



Stability Workflow



EM Workflow



STARLIMS LABORATORY INFORMATION MANAGEMENT SYSTEM (LIMS)

LIMS CAPABILITIES

Beyond lab data management, STARLIMS is a comprehensive solution that improves quality and safety throughout the entire product lifecycle. Configurable features help laboratories from sample intake to delivery of accurate results, driving smarter decision making for your business and customers throughout the entire process. Our Laboratory Information Management System LIMS software – offers:



- COMPLETE LIFECYCLE MANAGEMENT
- QUALITY AND SAFETY
- INTEROPERABILITY
- NO BUSINESS INTERRUPTIONS
- POWERFUL DECISION-MAKING TOOLS
- LOGISTICS OVERSIGHT
- INTEGRATED SOLUTION SUITE
- A TOTAL SOLUTION PARTNER

STARLIMS Scientific Data Management System (SDMS)

SDMS CAPABILITIES

SDMS acts as a central repository for all of your lab's valuable document and data files. Our scientific data management solution makes it easy for users to access and share information across the organization.



- ELIMINATE DISPARATE DATA SOURCES
- AUTOMATE FILE PROCESSING
- ENSURE COMPLIANCE
- EXTRACT VALUABLE SCIENTIFIC DATA
- REDUCE CYCLE TIMES
- PROMOTE COLLABORATION
- INTEGRATED SOLUTION SUITE

STARLIMS Electronic Laboratory Notebook (ELN)

ELN CAPABILITIES

The ELN is a powerful electronic replacement that maximizes your lab's efficiency and ensures compliance by allowing execution of test workflows without interruption.



- REDUCE DATA ENTRY TIME
- COLLECT IMPORTANT SAMPLE DATA
- TRACE AND AUDIT DATA
- USE EXISTING METHODS
- COMMUNICATE BETTER
- REDUCE ERROR RATES
- INTEGRATED SOLUTION SUITE

STARLIMS Advance Analytics

ANALYTICS CAPABILITIES

Our Advanced Analytics solution allows you to view and analyze all the lab data stored in your STARLIMS solution so you can make critical business decisions. Quickly answer questions for root cause analysis, identify bottlenecks causing performance issues and opportunities for improvement, and help build a business case for new resources. Colorful visualizations help lab managers proactively act on facts, apply remediation plans, and see the results of their actions, resulting in a more efficient organization.



- QUICKLY ANSWER QUESTIONS
- TAILORED FOR THE LAB
- SEE POWERFUL VISUALIZATIONS
- PLAN AND STRATEGIZE
- PREDICT WHAT'S NEXT
- ACCESS LAB DATA FROM ANYWHERE
- INTEGRATED SOLUTION SUITE

STARLIMS Mobile

MOBILE CAPABILITIES

The STARLIMS Mobile Solution allows you and your staff to collect, access, and analyze valuable lab data on the move. Record sample information on-site, view testing results, and take immediate action on your entire sample and product lifecycle process anywhere, anytime.



- REDUCE WORKFLOW DELAYS
- REDUCE TRANSCRIPTION ERRORS
- BUILD YOUR OWN APP
- PERSONNEL SUPPORT
- EASY TO USE
- USE READY-MADE TEMPLATES
- MANAGERIAL SUPPORT
- STARLIMS INTEGRATED SOLUTION

★ For more information visit www.starlims.com



Quality Control software for imprinted packaging

What is ImageCompare?

ImageCompare is a digital inspection software for printed packaging material. You can check nearly every scannable material or PDF files against your released master file.

Who needs ImageCompare?

This software was developed for the pharmaceutical, food and consumer goods industries. Packaging material can be tested according to FDA regulations and the process is recorded compliantly.

Why do you need ImageCompare?

You need ImageCompare to ensure that all the information (e.g. nutrition facts, ingredients, dosage, barcodes) on your packaging material is correct and that your high quality standards and requirements can be maintained in an efficient and safe manner.

Increased efficiency saving both time and costs

- An inspection with ImageCompare takes about 2 – 3 minutes per comparison. The visual inspection (with or without film) takes considerably longer.
- You can do a multiple comparison by scanning and comparing several packages of the same kind in one process.
- Expensive recalls are avoided by using digital inspection. From experience we can say that the payback time is 1 – 2 years on an average.

Security

- ImageCompare is very reliable and does not tire as the human eye after a certain period of time. All inspections are performed with the same accuracy, no matter if it is early in the morning or late at night or after long working hours.
- All deviations found are highlighted and documented. The user can concentrate on relevant deviations. The system conforms to FDA CFR 21 Part 11.

Language-independent inspection

- With ImageCompare you can check images, texts and all world languages, as the system is based on pixel comparison. With this procedure new languages can be inspected without a software update being necessary. 2/2

Digital, automatic documentation

- All steps are saved directly to the audit trail and can be checked by the responsible people at any time.
- All data is saved in a database. At the end of a project an inspection certificate can be printed out. By request, you can also issue an electronic release and an electronic signature after completion of an inspection.



Pharma-Packaging
Bereich Prüfsoftware
Am Dachsberg 4
D-78479 Reichenau
tel.: + 49 7531 92 50 0
imagecompare@ladegast.de



Customization of the software according to your requirements

- By request, we can develop customized components to integrate the software into your system environment.

Braille inspection

- Braille inspection is performed according to ECMA-standard and Braille is also translated into plain text. A large number of languages are already included in the software. If you need more languages, you can request those to be included.
- Height measurement of the individual Braille dots can also be performed using our DotScan instrument. This inspection is to ensure the Braille dots meet the guidelines according to DIN EN ISO 17351.

Barcode inspection

- Barcodes are automatically identified, inspected, decoded and documented.

Easy handling of the system

- After a short practical training period the system can be used also by anyone whether computer literate or not.

References

- ImageCompare is the first European certified inspection software for printed packages and is in worldwide use in more than 45 countries, mainly in pharma, cosmetic, food and printing industry. Our customers range from small print companies to major corporate enterprises such as Novartis, Merck, Abbott, Sanofi, Procter & Gamble, Nestlé, Westrock etc.

★ For more information visit https://ladegast.de/index_en.php



BIOVIA, a brand of **Dassault Systèmes**, provides a scientific collaborative environment for advanced biological, chemical and materials experiences that help science- and process-driven companies develop higher quality products faster and more cost effectively. **BIOVIA's** sophisticated enterprise system of modeling, simulation, laboratory, quality and process data management allows customers to discover, design, deploy and deliver innovative sustainable and competitive products to consumers globally.

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BIOVIA solutions are helping more than 2,000 companies globally in the pharmaceutical, biotechnology, energy, chemicals, aerospace, consumer packaged goods and industrial products industries to enhance innovation, increase productivity, improve quality and compliance, reduce costs and accelerate time to market. Our more than 2,000 customers include most of the world's leading companies including:

- 25 of the top 25 pharmaceutical companies
- 25 of the top 25 biotech companies
- 20 of the top 25 chemical companies
- 4 of the top 5 consumer packaged goods companies
- 5 of the top 10 oil and gas companies
- 3 of the top 5 aerospace companies

DATA SCIENCE

Driving innovation with knowledge-driven decisions

LABORATORY INFORMATICS

Accelerating innovation and decision-making

LIFE SCIENCES QUALITY AND COMPLIANCE

Connected data-driven quality and business excellence

MANUFACTURING ANALYTICS

Empowering production operations in process industries

MODELING AND SIMULATION

Exploring the virtual world to understand the real

RESEARCH INFORMATICS

Maximize the value of your scientific intellectual property

QUALITY & COMPLIANCE

BIOVIA QUMAS

Regulatory, Compliance and Quality Management Solutions for Pharmaceutical and Biotechnology Organizations.

For any organization delivering products and services to customers and patients, Quality is more important than ever, and Technology and Digitalization can be the enablers. **QUMAS** from Dassault Systèmes is a fully integrated, data-centric, cloud-based Quality Management solution that allows you to automate quality processes, promote data integrity, reduce compliance risks and achieve Quality and Compliance Excellence.

QUMAS manages the entire range of quality content and processes supporting SOP updates necessitated by a Deviation or CAPA, all within one unified validated solution. It's scalability and ability to be deployed in the cloud make it suitable for small to large enterprise implementations.

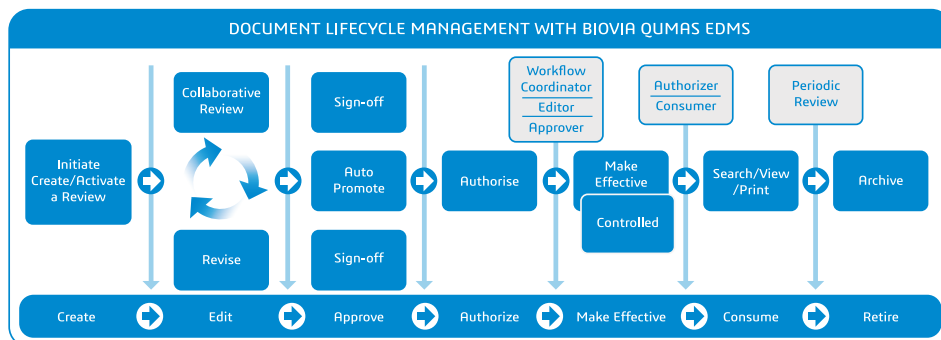
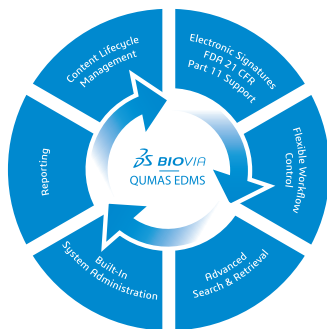
QUMAS Customers report

- 80% reduction in approval times
- 40%-time improvement for First-to-File / First-to-Market
- 98% cost reduction versus a traditional repository with disconnected systems

QUMAS EDMS Quality Content Control		QUMAS EQMS Quality Process Management			QUALITY Intelligence
Enterprise Content Management	Learning Management	CAPA	Audit	Change Control	Quality Intelligence Analytics
Industry Standard Document Control	Batch Data Management	Deviation	Complaint	Configured Process	Quality 3DSearch
Document Associations Full Text Search Version Control Hardcopy Management Notifications	Collections Workflows 21 CFR Part 11 Print Template Automatic PDF Rendering	Electronic Forms Dynamic Fields Dashboards/Reports Business Rules Enterprise Integration	Audit Trail Fully Configurable Periodic Review Permissions Print Control	Training Management Competency Testing Development Plans Certificates Collaboration	Quality Metrics Automated APR Creation Quality Control Testing Review By Exception Self-documentation Quality Lab

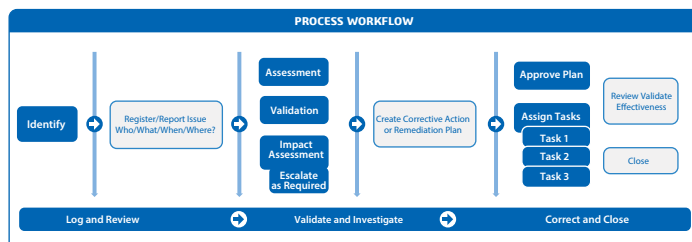
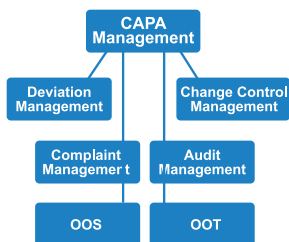
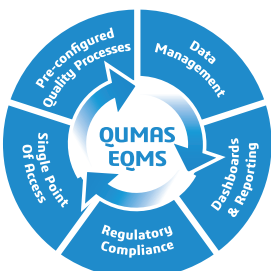
QUMAS EDMS

QUMAS EDMS is a cloud-based data-centric Electronic Document Management software solution that delivers proven regulatory compliance practices for data and document control, SOP management and related training across the business. QUMAS EDMS is an FDA 21 CFR Part 11 compliant document management system.



QUMAS EQMS

To bring new products to market as quickly as possible in compliance with global regulations, organizations need to standardize and automate their business processes that manage the collection, tracking and analysis of information and the resolution of related issues. QUMAS EQMS (formerly ProcessCompliance) is a cloud-based solution for Enterprise Quality and Process Management that delivers comprehensive integrated regulatory, quality and compliance management capabilities in a validated QMS environment.



Quality Process Management helps organizations to standardize and automate business processes that manage the collection, tracking, and analysis of information and the resolution of related issues. Capabilities include SOP and content management with all quality management processes for CAPAs, deviations, audits, validation, customer complaints, OOS, OOT and other events management processes and multi-site change control.

MOLECULAR MODELING & SIMULATION SOLUTIONS

BIOVIA Material Studio

Solutions related to Chemistry, Physics and Material Science

Materials Studio is a complete modeling and simulation environment designed to allow researchers in materials science and chemistry to predict and understand the relationships of a material's atomic and molecular structure with its properties and behavior. Using Materials Studio, researchers in many industries are engineering better performing materials of all types, including pharmaceuticals, catalysts, polymers and composites, metals and alloys, batteries and fuel cells, and more.

BIOVIA Discovery Studio

COMPREHENSIVE MODELING AND SIMULATIONS FOR LIFE SCIENCES

SOLUTIONS FOR DRUG DESIGN

Drug discovery is a multi-objective optimization. Scientists have to optimize both biochemical potency and at the same time, optimize other characteristics such as ADME and toxicity. Built on BIOVIA Pipeline Pilot and utilizing gold-standard applications backed by years of peer-reviewed research (e.g., CHARMM, MODELER, ZDock, Delphi, Catalyst, DMol3, Vamp, TopKat, AggMap and Developability Index), BIOVIA Discovery Studio® software is the most comprehensive, scalable, collaborative research environment for Life Sciences discovery research.

★ For more information visit www.3dsbiovia.com

Spectra Analysis manufactures analytical instruments that identify unknowns and provides composition analysis for complex chemical mixtures, in real time, using Fourier Transform Infrared Spectroscopy. Spectra Analysis is the leader in the GC-IR and LC-IR segment of the analytical instrument market providing high performance, reliable and cost-effective tools that allow chemists to efficiently analyze complex mixtures.

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Tel: +1.508.281.6232 |
Email: info@spectra-analysis.com



MAJOR AREA

- Pharmaceuticals
- Flavor & Fragrance
- Forensic
- Toxicological
- Drugs of Abuse
- Petrochemical
- Food & Beverage

THE SOLUTION FOR EMERGING DRUGS

Step1: Separation by Gas Chromatography

Step2: Controlled Depositing -unique solid phase deposition

Step3: Chemical Identification- using FTIR specificity (positional and stereoisomers)

DISCOVER FULLY AUTOMATED SYSTEM DRIVEN BY UNIQUE SOFTWARE PACKAGE

- Control of GC, Autosampler and DiscovIR-GC
- DiscovIR detector data acquisition & processing
- Library search Report Generator



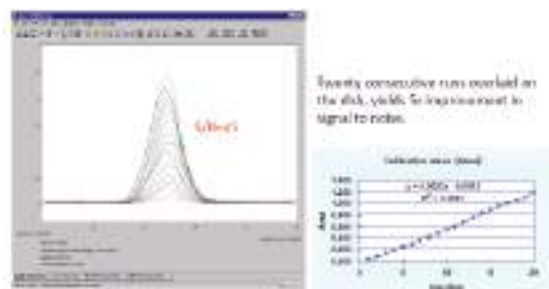
KEY APPLICATIONS:

- Identification of unknowns in complex samples
- Confirmation of GC-MS Identification via orthogonal technique
- Unequivocal identification of structural isomers
- Compound identification through library searching Natural product characterization & competitive analysis

HOW DOES IT WORK?

Upon exiting the GC column, the eluants are deposited as a collimated jet onto a cryogenically cooled sample collection disk. The infrared ZnSe disk rotates under the deposit tip to result in a spiral track of deposited samples. A beam of infrared light from an interferometer passes through the disk along the deposition track, and infrared spectral information is acquired by a MCT detector.

Solid Phase IR provides excellent resolution and 4cm⁻¹ IR spectra. The addition of solid Phase IR to an analytical scheme can yield more robust identification of closely related compounds. Coupling GC with FTIR and specific Libraries gives a unique system that only Spectra Analysis is able to offer.



DiscovIR-GC® Precision & Reproducibility for Caffeine Sample

★ For more information, please log in www.spectra-analysis.com

With durable materials and German engineering, Hettich centrifuges deliver reliable results spin after spin. An average performance life of minimum 8 years, low repair rates and reduced downtimes allow for the maximum use of this high-quality equipment.

Andreas Hettich GmbH & Co.KG
 Föhrenstraße 12
 78532 Tuttlingen
 Germany



SMALL CENTRIFUGES

MANUAL CENTRIFUGE
 EBA 200 | 200 S || EBA 270 || EBA 280
 | 280 S || HAEMATOKRIT 200
CAPACITY: 6X50ml, 8X15ml;
RPM: 6000 - 8000



MICROLITER CENTRIFUGES

MIKRO 185 || MIKRO 200 | 200 R
 MIKRO 220 | 220 R
CAPACITY: 24X2ml;
RPM: 15000-18000;
TEMP: -10 to 40⁰C / -20 to 40⁰ C



BENCHTOP CENTRIFUGES

ROTOFIX 32 A
 UNIVERSAL 320 | 320 R
 ROTINA 380 | 380 R || ROTINA 420 | 420 R
 ROTANTA 460 | 460 R || ROTOFIX 46 | 46 H
CAPACITY: 4X200ml, 6X94ml, 6X50ml, 12X15ml;
RPM: 16000; **TEMP:** -20 to 40⁰ C



FLOORSTANDING CENTRIFUGES

ROTANTA 460 RC | 460 RF
 ROTIXA 500 RS
 ROTO SILENTA 630 RS
CAPACITY: 4X1000ml; **RPM:** 15000



AUTOMATED CENTRIFUGES

MIKRO 220 ROBOTIC
 ROTINA 380 | R | RC ROBOTIC
 ROTANTA 460 ROBOTIC
RPM: 13000;
REFRIGERATION: AIR COOLING.



Pipettes & Controllers



Centrifuge Rotor

INCUBATORS

HettCube 200 | 200 R
 HettCube 400 | 400 R
 HettCube 600 | 600 R

Capacity: 150L, 310L, 520L

TEMPERATURE RANGE

1K above ambient temperature up to +65° C
 or 0° C to +65° C (only R model)

- Intuitive Operation With The New Touch Screen
- Simple And Intuitive Temperature Decrease
- Flexible Settings For More Sample Safety
- Maximum Usable Space With The Smallest Footprint
- Optimal Growth Conditions
- Highest Ease Of Use



Certifications



* For more information, please log in www.hettichlab.com

Raypa is a company with an international focus since its establishment. After more than 40 years in the market we have become a global player regularly serving industrial and institutional customers in more than 90 countries.

R ESPINAR SL (RAYPA)

Avinguda del Vallès,
322. Pol. Ind. 'Els Bellots'
08227, Terrassa (Barcelona), Spain



VERTICAL FLOOR-STANDING LABORATORY/ HORIZONTAL AUTOCLAVES

TLV-S Series

Multipurpose autoclave for solids and liquids designed to cover the sterilization needs in industrial and research settings of the pharmaceutical, chemical and biotechnology industry.
Chamber Volume total / usable 58 / 56 L 83 / 81 L 136 / 118 L 166 / 155 L

Temperature: 105 – 140°C

FDA & GMP-compliant controller and connectivity to PC, cloud, intranet and LIMS
Compliance with FDA 21 CFR Part 11 & GMP Annex 11



AE-DRY Series with Drying/AES Series

Autoclaves with drying or without drying

Capacity(L): 33|55|79|115|175

Temp: 100-134 °C



Autoclaves with Drying or without drying

AHS-DRY-N-MD Series

Serie AHS-DRY-MD



Standard Incubators ID Series

Capacity(L): 20|40|50|90|150
|288|480

Temp: +5°C to 80°C



Refrigerated Incubators IRE Series

Capacity(L): 160|240|475

Temp: 0°C to 45°C



Forced air / Natural Convection Drying Ovens

DAF: Capacity(L):
43|78|135|250|425|635

DOD: Capacity(L): 20|40|50|90|150

Temp: +5°C to 250°C



Vacuum drying ovens EV Series

Capacity(L): 50
Temp: +35°C to 250°C



Water and oil thermostatic baths WBD Series

Digital temperature regulation and reading by microprocessor with P.I.D. and PT100 temperature probe

Temperature range:

WATER: Amb. +5 – 99°C

OIL: 100 – 200°C

Total capacity: 5/12/20/40 L



SAND THERMOSTATIC BATHS

For cases where homogeneity is required at high temperatures with gentle heating. Indicated for ovoid materials in drying operations, evacuation, etc

Max. Temperature: 400°C

Capacity: 4,5 L



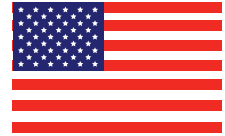
* For more information, please log in www.raypa.com



Go big on Biosafety

Labconco Corporation has been serving the scientific community since 1925, Labconco Corporation manufactures laboratory equipment, specializing in ventilation products such as chemical fume hoods and blowers, ductless fume enclosures, balance enclosures, HEPA-filtered biological safety cabinets (BSCs), clean benches, glove boxes, and laboratory animal research enclosures. Other product lines include glassware washers, forensic enclosures, centrifugal concentrators, lyophilizers, evaporators, and water purification systems. Custom designed products are also available.

Labconco Corporation
8811 Prospect Avenue
Kansas City, USA
MO 64132-2696



**Purifier Logic+ Class II,
Type A2 Biosafety Cabinet**



**Paramount Ductless
Enclosure Fume Hood**



**Laminar Airflow
(Clean Benche)**



Freeze Dryer



Vacuum Concentrator System



**RapidVap N2/48 Dry
Evaporation System**



Filtered Glove Box



**Balance, Bulk Powder &
Equipment Enclosures**



**Laboratory Animal
Research Station**

★ For more information, please log in www.labconco.com

GenapSys, Inc. is a private company headquartered in Redwood City, California. The company was founded by Dr. Hesaam Esfandyarpour. He and his team developed several novel technologies for DNA sequencing and protein detection at Stanford Genome Technology Center, prior to founding GenapSys in 2010. Instead of optical-based technologies traditionally used in the industry, the GenapSys system centers around a pure electronic chip, with a simple, elegant, accurate and low-cost solution.

GENAPSYS, INC.

200 Cardinal Way, 3rd Floor,
Redwood City, CA 94063
(800) 796-7710



NEXTGEN DNA SEQUENCER WITH CLONAL AMPLIFICATION PREP. SYSTEM



GenapSys DNA Sequencer



Gynapsys Sequencing
Prep System
for Clonal Amplification

The GenapSys

■ Exceptional Accuracy

Highly accurate data validated by numerous applications in experienced third-party labs

■ Unrivaled Scalability

A range of outputs tuned to your sample throughput needs

■ Amazing Affordability

Modest run and instrument pricing enable operational flexibility

The sequencer with the 16M chip generates 1.2 - 2.0 Gb of data per run and delivers the high resolution and analytical sensitivity needed for detection of rare variants and transcripts.

- Fast, cost-effective runs that match your sample throughput needs and applications

- Perform runs on your own schedule, without having to wait for additional sample batching

Scalable output supports a wide range of applications:

16M Chip Output Specifications

Average Read Length: >150 bp

Reads: 10-13M

Output (Gb): 1.2 - 2.0

Accuracy: >80% bases >Q30

Run Time (Hours): ~24 (read length dependent)

The 16M Chip with an initial output of 1.2 - 2.0 Gb per run enables the following applications:

- Targeted resequencing
 - ▶ Amplicon based
 - ▶ Hybridization capture based
 - ▶ Long-range PCR
- Small genome sequencing
- Gene editing validation
- 16S rRNA-sequencing
- Targeted mRNA sequencing
- Small RNA sequencing
- Targeted single cell assay sequencing

STREAMLINED 4-STEP WORKFLOW USING THE GENAPSYS PLATFORM:

Library Preparation

The sequencer is compatible with a broad range of library preparation methodologies. Performance has been demonstrated across multiple kits.

Clonal Amplification

GenapSys Sequencing Prep System automates the clonal amplification procedure in an unattended 4-hour run. The final amplified product is then ready for sequencing.

Sequencing

Amplified material is loaded into a sequencing chip. The system uses our proprietary high accuracy SBS chemistry to deliver high-quality data.

Data Analysis

The sequencing run output is a standard FASTQ file. This allows for existing secondary analysis tools to be utilized for analysis of GenapSys data. For highest quality results, we recommend customers to use GenHub, our proprietary cloud hosted solution, to run secondary analyses with empirically derived, optimized parameters for GenapSys data.

Reagents:

- G3 Sequencing Kit V3, Dual Index
- G3 Sequencing Kit V3, No Index
- G3 Amplification Kit V3

* For more information, please log in www.genapsys.com



LGC Biosearch Technologies provide a comprehensive range of specialty genomic analysis tools, measurement tools and supply chain assurance solutions, underpinned by leading analytical and measurement science capabilities. Our scientific tools and solutions form an essential part of our customers' quality and compliance procedures enabling them to provide safer products, develop new solutions and advance research.

LGC Biosearch Technologies
Hoddesdon, United Kingdom



OLIGONUCLEOTIDES



Oligonucleotide Synthesizer

The MerMade 6/12 Oligonucleotide synthesizer is designed to synthesize DNA, RNA and LNA oligonucleotides in a column format using standard or modified chemistries. The Mermade 6/12 is ideal for a lab requiring medium through put with maximum flexibility. This instrument has been placed in many universities, pharma and diagnostic companies operating in cGMP environments. The machine is available in a 6 or 12 column configuration with up to 20 amidite positions.

Standard Features

- 10 to 20 Amidite Ports
- Scales range per column from 20nanomole to over 200micromole
- Flexible and easy to use software that runs on Windows 7
- Run Logging
- Mixed backbone capability (phosphorothioate and phosphodiester)
- Pre-loaded with standard protocols

Custom Oligonucleotides

- Custom Oligos
- DNA Probes
- DNA Encoded Library Oligos
- Oligos in Plate
- Oligo Modifications

Nucleic Acid Extraction and Purification

- Extraction Kits
- Purification Kits
- Buffer and Reagents

Competent Cells

- General Cloning & Library Construction
- Phage Display Library Applications
- CRISPR, Large or Difficult Fragment Cloning
- Protein Expression
- Low Endotoxin Cells
- Custom Competent Cells
- Recovery Media

Optional Features

- Trityl Monitoring
- Multiple reagent cap adapters
- Custom integration of software with in house LIMS

Cloning Kits & Vectors

- General Cloning
- Difficult Cloning or BAC/
Fosmid Cloning
- Accessory Kits for Cloning

KASP GENOTYPING

Enzymes

- Modifying Enzymes
- DNA Nucleases
- RNA Nucleases
- DNA and RNA Nucleases
- DNA and RNA Nucleases
- Reverse Transcriptase Enzymes
- RNase Inhibitors

* For more information, please log in www.biosearchtech.com



Scientific Instrument & Consumables

Antylia Scientific.

625 East Bunker Court
Vernon Hills, IL 60061, USA
Phone: 847-549-7600
www.antylia.com



We celebrate the vast power of science and its capacity to make the world cleaner, healthier and safe for people everywhere.



- Stuart, UK
- Jenway, UK
- Techne, UK
- Electrothermal, UK



Laboratory Equipment for Sample Preparation & Handling

- Automated Tissue Homogenizer and Cell Lyser for Biological
- Automated Tissue Homogenizer and Cell Lyser
- Cryogenic Grinders
- High-Energy Ball Mill



- Inorganic Standards
- Organic Standards
- Custom Standards
- Chromatography
- Consumables



- Trusted Partner For Air, Water, And Soil Testing Solutions



- Quality Control In Clinical Laboratories
- Kits And Reagents
- Clinical Specimens And Seroconversion Panels
- Custom Antibody Production Services



- Wide ranges of Data logger

Automated Tissue Homogenizer and Cell Lyser for Biological Applications



- Automated mechanical cell lysis through bead beating, ideal for DNA/RNA and protein extraction
- High-throughput tissue processing designed for clinical, pharmaceutical and biological applications
- Kryo-Tech® accessories available to preserve temperature sensitive samples for nucleic acid and protein extractions

Typical applications: molecular biology, pharmaceutical, clinical research and extraction.

Typical samples: plant tissue, animal tissue, cell cultures, and microorganisms.

<https://www.spexsampleprep.com/2050genomax>

2010 Geno/Grinder® - Automated Tissue Homogenizer and Cell Lyser

- Automated mechanical disruption through bead beating, ideal for high-throughput cell lysis applications including DNA/ RNA extraction, protein extraction and pesticide residue analysis.
- Programmable touch screen control panel for run time, rate, cycles and pause time. Up to 500 protocols can be saved for recall.
- Designed for vigorous up-and-down shaking of deep-well titer plates, vial sets, and centrifuge tubes.
- Typical sample processing time of 1-2 minutes.



Freezer/Mill

- Typical Applications: DNA/RNA extraction, forensic/drug testing, RoHS/WEEE, consumer product testing, food safety, materials research & medical research
- Typical samples include: Animal tissue, plastic and polymers, yeast, pharmaceuticals, food products, electronic components, textiles, hair, teeth, bones, plant tissue such as cannabis, seeds, leaves and roots

Industry:

- MEDICINE & PHARMACEUTICALS
- FORENSICS & BIOTECHNOLOGY
- PLANT RESEARCH & CROP SCIENCE
- ROHS/WEEE
- PLASTIC & POLYMERS



HOMOGENIZER & CELL LYSER



The 1200 GenoLyte® is the ideal solution for labs that want a compact yet powerful tissue homogenizer and cell lyser. It is equipped with interchangeable sample vial holders allowing a variety of vial types from 2 mL to 12 mL.

Applications include: Tissue Homogenization, DNA/RNA Research and extraction, Cell Lysis, Protein Extraction, Biofuel research

Typical samples include: Animal & plant tissue, cell cultures, bacteria, yeast, stool, soil

SAMPLE PREPARATION FOR

- XRF or ICP Analysis
- Environmental Testing
- Pharmaceutical Testing
- Food Testing
- Mechanical Alloying
- Materials Research
- Mechanochemistry

SUPPORTS

- ANIMAL TISSUES
- PLANT TISSUES

SAMPLE TYPES

- SAND
- CEMENT
- SLAG
- CERAMICS
- SEEDS & GRAINS
- PAINTS & INK
- CATALYST



PROGRAMMABLE RING & PUCK MILL for tough, brittle samples



The 8530 Shatterbox® grinds tough, brittle samples in seconds. This powerful ring & puck mill grinds tough, brittle samples in seconds. It has a sound proof enclosure and accommodates samples up to 150 grams.

Typical samples include:

- Cements
- Soils
- Ceramics
- Slag
- Rocks
- Minerals
- Ores
- Pharmaceuticals
- Sulfur Pellets
- Dried Plant Material.

AUTOMATED, HYDRAULIC LABORATORY PRESS

The 3636 X-Press® is a 35-ton (31.8 metric ton) hydraulic laboratory pellet press that is ideal for accurate and repetitive pressing of sample pellets for XRF and other analytical techniques.

- TYPICAL SAMPLES**
- Cement
 - Rocks
 - Minerals
 - Soils
 - Ceramics
 - Pharmaceuticals



Katanax® Fusion Fluxers: Sample Preparation for XRF and ICP Analysis
KATANAX X-300 FUSION FLUXER

The Katanax X-300 Fluxer is the next generation in electric fusion offering new enhanced features for unparalleled results. One, two or three-position heavy-duty fully automated electric fusion machine with a throughput of up to 15 samples per hour. Used to prepare glass disks (beads) for XRF, solutions for ICP/AA and peroxide or pyrosulfate fusions. Versatile, compact and safe. It's the fusion fluxer that expands with your needs.



PCRmax Eco48 Real-Time qPCR System



- Volume per well Validated for 5 to 20µl
- Detection sensitivity 1 copy
- Temp uniformity ±0.1°C
- Temperature range 35 to 100°C
- Average ramp rate 5.5°C/sec
- Thermal system Proprietary hollow silver block, Peltier-based system with conductive fluid
- Block format 48-well block
- Consumables 48-well custom plates and optical adhesive seals
- HRM functionality as standard with the ability to discriminate class IV SNP >99% of the time

**PCRmax® ALPHA 1 Thermal Cycler | PCRmax® ALPHA 2 Thermal Cycler
PCRmax® ALPHA 4 Thermal Cycler**

96 or 384 well format Options

All 96 or all 384, 96 and 3x384, 2x96 and 2x384, or 3x96 and 1x384

Active Sample cooling - For sharper amplification and minimal non-specific amplification

Compact

Save precious labspace by condensing four truly independent blocks into one chassis with no networking issues or connectivity concerns



<https://www.traceable.com/traceable-products/digital-thermometers/traceableliver.html>

Traceable Data Logger

Autoclavable Safety Goggles & Cleanroom Shoes

Laboratory Instruments

stuart



Rotary evaporator

Condenser Type:
Diagonal/Vertical



Shaking water bath

Digital Water Baths
Capacity: 6- 24L



Distilled Water plant

Capacity 4-8L



Vortex Mixer

Speed: 200 to 2500rpm



Orbital shakers/ Linear

shakers Speed range:
30 to 300rpm/25 to 250 rpm



Automatic Melting Point

Temp. range:
Ambient to 400 °C
No of samples: 3 simultaneously



Digital Colony Counter

Count: 0 to 999
Display: 3-digit LED
Lighting: White LED array



Cooled Incubator with shaker

Capacity: 115L
Temp.: Amb -15 to 60°C
Speed range: 30 to 300 rpm

Jenway



Flame Photometer

Model: PFP7
Measurement for Na, K, Li, Ba and Ca
Range: 0 to 1999.9 ppm



Double beam Spectrophotometer

Spectral bandwidth 0.5, 1, 2, 4, 5nm
Wavelength: 190 to 1100 nm



Micro-volume Life Science Spectrophotometer

Wavelength Range: 198 to 1000nm
Minimum sample Size: 0.5µl (at 0.2mm), 1.0µl (at 0.5mm)

TECHNE

Electrothermal



Digital Dri-Block (LED Display)

Temp. range: Ambient +5°C to
100°C/ Ambient +5°C to 200°C
Block Size: 0.2 to 50.0 ml



Hybridisation Incubators









Max tube capacity: 16-24
Max temp: 80°C - 100°C
Adjustable rotation speed: 0, 5 to 20 rpm



Slide Drying Bench (Slide Warmer)

Max Element Temperature: 100°C
Capacity: 50 slides

Strategic Business Partners

Company Name	Principals & Logo	Product
 SUDHA ANALYTICALS Sudha Analyticals	Mott Manufacturing Ltd. 	Fume Hoods, Lab Furniture etc.
	Cruma Diantech Solutions S.L. 	Ductless Fume Hoods ,Laminar Flow, PCR Cabinet, Biosafety Cabinet, CO2 Incubator etc.
	S.C.A.T. Europe GmbH,Germany 	Solvent Handling Technology (e.g HPLC Solvent management system, Liquid handling)
	Labor Security System s.r.l. 	Safety cabinets for the storage of flammable, chemical and gas products, and Activated charcoal filters etc
	Dürr Technik GmbH & Co. KG 	Oil-free compressors and vacuum pumps, Oil free compressor stations, Soundproof stations, Nitrogen generator,
	LNI Swissgas Srl 	Gas Generators- H2, N2, Air etc. Gas Calibration System, Premium Compressor, Premium Hydrogen Sensors etc.
	Nano Purification Solutions LLC 	Compressed Air & Gas filters, Process filters, Desiccant Dryers, Nitrogen Gas Generators, Breathing Air Systems, CO2 Dryers, Refrigerated Dryers, Oil Water Separators, Process Chillers, Condensate Drains, Oil Vapor Removal, Aftercoolers, Dew Point Monitors etc.

Company Name	Principals & Logo	Product
 HI-TECH HEALTHCARE LTD. Hi-Tech Healthcare Ltd.	Bio-Rad Laboratories, Inc. USA 	PCR, RT-PCR, Droplet PCR, Imaging System & Software, Electrophoresis, Proteomics, Western and Southern Blotting, Flow-cytometer, Cell Sorter, Gene Pulser, Gene Gun, ELISA Reader & Washer, Reagents and Consumables
	BioBridge Healthcare Solutions Pvt. Ltd. 	Provides a versatile range of services in the disciplines of Manufacturing, Facility Design and Implementation, Product Development, Scale-up and Optimization, Quality Management System, Commissioning and Qualification, Quality control, Quality Assurance, Intellectual Property Rights and Manpower Training & Development for Pharma/ Biotech sector
	Austar Union, Switzerland 	Pharmaceutical Design, Manufacturing Execution System, Environment Monitoring System, Pharmaceutical Water System, Clean Room System, Building Management System, APIs Production Equipment, Pre-Handling System for Formulation, Weight & Batch System etc.

Company Name	Principals & Logo	Product
 Genesis International	CTK Biotech Inc., USA 	ELISA Reader & Washer, RT-PCR, Nucleic Acid Extraction System, ELISA Kits & PCR Kits.

Our Principals

InterScience Technologies represents product and services of World Class principals related to laboratory equipments and solutions for QC/QA, R & D for product developments covering pharmaceuticals, food & beverage, agriculture, fisheries & livestock, water & environment, Petroleum, Gas & Mineralogy, Life Science and Molecular Biology, clinical and related diversified and applied field including academics, research and govt. institutes and NGOs in associations with our following foreign principals.

Name	Brand	Product line
Carl Zeiss Microscopy GmbH, Germany	 Seeing beyond	Light Microscope - Binocular & Trinocular -Upright Microscope -Inverted microscope -Stereo Microscope Particle Analysis System, Fluorescence, Phase Contrast Microscope & Polarizing Microscope, Confocal Laser Scanning Microscope (LSM), Scanning Electron Microscope (SEM), Field Emission Scanning Electron Microscope (FE SEM), Field Ion Beam Microscope (FIB SEM), X-Ray Microscope, Camera & 21 CFR Part 11 compliance software.
Becton, Dickinson and Company (BD), USA		Dehydrated Culture Media, Media Base and Supplement, Ready to Use Plate Medium, Environmental Jars and Gas pack, Automatic Microbial Identification System, Ra0ipid Automatic Microbial Identification System with MALDI-TOF Technology
Charles River Laboratories Inc, USA		Gel Clot LAL Reagent and Accessories, Rapid Endotoxin Testing System with cartridge Technology, Rapid Sterility Testing System, Kinetic LAL Analyzer and reagents
PerkinElmer, Inc. (Life Science & Applied Genomics) USA		Automated Nucleic Acid Extraction System, Automated Gel Electrophoresis System, Automated Liquid Handling System & Robotics, New Born Screening, Multimode Plate Reader, Liquid Scintillation Counter, High Content Screening System, In Vivo Imaging etc.
HACH Company, USA		UV-VIS/VIS Spectrophotometer, Colorimeter, Arsenic Kit, pH, DO, TDS, Conductivity meter, Salinity, Turbidity Meter, COD, BOD, All kinds of Water and Waste Water Testing Commodities & Equipment.
ThermoFisher Scientific Inc, USA		Material Science Products: Raman, XPS, XRD, XRF, ED-XRF, WD-XRF, NMR, PORTABLE XRF
Starlims Corporation, USA		Laboratory DATA Management with World-Class LIMS Solutions & Services LIMS, SDMS, ELN, Advanced Analytics, Mobility
Ladegast, Germany		Quality control software for imprinted packaging inspections for pharmaceuticals, food and consumer goods industries. The ImageComapare software system is completely FDA compliant.
BIOVIA, USA (A brand of Dassault Systemes, France)		Regulatory, Compliance and Quality Management Solutions for Pharmaceutical and Biotechnology Organizations BIOVIA QUMAS (QUMAS EQMS, EDMS, LMS) Molecular Modeling & Simulation Solution Biovia Material Studio (Solution related to chemistry, physics and material science) BIOVIA Discovery Studio (Solution for drug design)
Andreas Hettich GmbH & Co. KG, Germany		All Type of Centrifuge Machine & Refrigerated Centrifuge Machine, Microbiological Incubator & Cool Incubator
R ESPINAR SL (RAYPA), Spain		Benchtop & Vertical floor-standing laboratory/Medical autoclaves
LGC Biosearch Technologies USA		Oligo Synthesizer System, Custom Oligonucleotides, Cloning Kits & Vectors, KASP Genotyping Reagent, Nucleic Acid Extraction and, Purification Kits, Competent Cells
Antylia Scientific. USA Formerly Cole-Parmer		Cole Parmer is now Antylia Scientific. Flame Photometer, Water Distillation, Rotary Evaporator System, Histology Products, Ultrasonic Cleaners, Thermal Cyclers, Real-Time qPCR System, Incubating Shakers, Different type Shakers, Homogenizers and Ultrasonic Processors, Pipettes and Pipettors, Baths and Circulators, Desiccators Cleanroom Consumables. Automated Tissue Homogenizer and Cell Lyser for Biological, Automated Tissue Homogenizer and Cell Lyser, Cryogenic Grinders, High-Energy Ball Mill, Inorganic & Organic Standards ,Trusted Partner For Air, Water, And Soil Testing Solutions.

InterScience Technologies

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