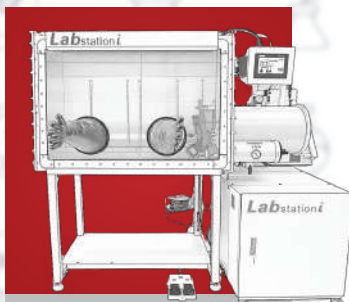
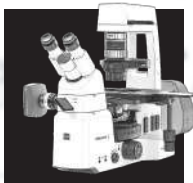
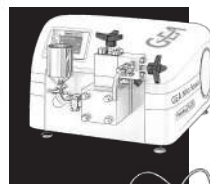


Instruments for Reliable Science



About Us

Established in 1985, Inkarp is a trusted name in the scientific instrument industry, offering comprehensive research solutions and exceptional after-sales support. With a robust presence in India, we're a go-to choice for a diverse range of sectors. Our enduring partnerships with major manufacturers globally ensure sustained customer support.

Key Highlights

- » Over four decades of excellence in the industry
- » 14 branches across India
- » 47+ brands, each a leader in their respective fields
- » A diverse portfolio catering to both pharmaceutical & non-pharmaceutical research needs



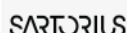
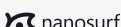
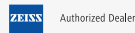
inkarp®
Your Knowledge... Our Solution...!



ADVANCING DISCOVERY

SINCE 1985

Global Brands. Complete Solutions.



SERVICE & SUPPORT YOU CAN COUNT ON

Every instrument needs care.

Breakdowns, calibration, wear and tear, or simple usage questions – these are all part of daily lab life.

This page is for those moments when you need help quickly and clearly.



QUICK WAY TO REACH SERVICE



→ service@inkarp.co.in



+91 73307 31315

WHAT WE SUPPORT

- » Preventive maintenance for all installed instruments
- » Breakdown service
- » Warranty and post warranty support
- » Spare parts and accessories
- » IQ / OQ documentation support
- » Relocation and reinstallation assistance
- » Application guidance when you are stuck or unsure
- » Remote troubleshooting for basic issues and quick checks

WHEN TO CALL FOR SERVICE

You may reach out when you notice:

- » Unusual noise or vibration
- » Drift or unstable readings
- » Slow response or delayed start up
- » Software or communication errors
- » Temperature mismatch or not reaching set point
- » Leak, unusual smell, or visible damage
- » Baseline noise or spikes in analytical instruments
- » Any change in performance that does not match your routine use

If something feels even slightly off, note it early.

Small symptoms, if ignored, become big failures later.

WHAT TO KEEP READY

When you send an email, raise a ticket, or call, keeping these details ready will save you time:

- » Instrument model
- » Serial number
- » Date of installation
- » Purchase order copy or PO number
- » Nature of issue (what exactly is happening)
- » Any recent changes (location, usage, method, power, software, etc.)
- » Contact person in the lab with mobile number

This helps the service team understand your problem faster, plan the right visit, and close the call with minimum disruption to your work.

PRODUCT OVERVIEW

A

- » Air Cooled Condensers (**Radleys**)
- » Atomic Force Microscopes (AFM) (**Nanosurf**)
- » AFM-in-SEM Correlative Microscopy Systems (**NenoVision**)
- » Auto Desiccator Cabinets (**JeioTech**)
- » Automated Battery Cyclers (**Maccor**)
- » Automated Cell Counters (**Anvajo**)
- » Automated Laboratory Automation Platforms – Synthesis, Formulation & Workflow Systems (**Chemspeed Technologies**)
- » Autosamplers (**Waters, ECOM, Labomatic Instruments AG, Advion Interchim Scientific**)

B

- » Bacteria Enumeration Systems (**SBT Instruments**)
- » Battery Cell Assembly Systems – Coin, Cylindrical, Pouch & Prismatic (**Hohsen Corporation**)
- » Battery Environmental Test Chambers (**Maccor**)
- » Battery Test Systems & Cyclers – Multi-Channel (**Maccor**)
- » Benchtop Centrifugal Vacuum Evaporators (**SP Scientific – Genevac**)
- » Benchtop Centrifuges – Non-Refrigerated (**Kubota, DLAB Scientific**)
- » Benchtop High-Speed Refrigerated Centrifuges (**Kubota, DLAB Scientific**)
- » Benchtop NMR Spectrometers (**Nanalysis Scientific Corp**)
- » Biological Safety Cabinets (**BEING Scientific**)
- » Blenders & High-Shear Sample Processors (**Robot-Coupe**)

C

- » Calendering Roll Press Systems (**Hohsen Corporation**)
- » Centrifugal Partition Chromatography (CPC) Systems (**RotaChrom Technologies**)
- » Continuous Flow Reactors (**ThalesNano, KHIMOD**)
- » Circulating Baths – Refrigerated & Heated (**PolyScience, BEING Scientific**)
- » Chillers – Recirculating & Portable (**PolyScience, BEING Scientific**)
- » Chromatography Columns – Analytical & Preparative (**Labomatic Instruments AG, ECOM, Advion Interchim Scientific**)
- » Chromatography Systems – HPLC, UPLC, Preparative & Flash (**Waters, Labomatic Instruments AG, ECOM, Advion Interchim Scientific**)
- » CO₂ Incubators (**BEING Scientific, JeioTech**)
- » Coin Cell Crimpers & Assembly Tools (**Hohsen Corporation**)
- » Confocal Microscopes (**ZEISS**)

D

- » Differential Scanning Calorimeters (DSC) (**Hitachi High-Tech**)
- » Doctor Blade Coating Machines (**Hohsen Corporation**)

- » Dry Baths & Heating Blocks (**DLAB Scientific**)
- » Drying Ovens – Natural & Forced Convection (**BEING Scientific, JeioTech**)
- » Dynamic Mechanical Analyzers (DMA) (**Hitachi High-Tech**)
- » Deep Freezers – 25°C / 40°C (**BEING Scientific**)

E

- » Electrode Coating Machines (**Hohsen Corporation**)
- » Electrode Mixing & Dispersion Systems (**Hohsen Corporation**)
- » Environmental Chambers – Temperature & Humidity (**JeioTech**)
- » Evaporation Systems – Centrifugal Vacuum (**SP Scientific – Genevac**)
- » Extrusion Systems for Liposome Production (**Evonik**)

F

- » Flame Photometers (**BWB Technologies Ltd**)
- » Flash Chromatography Systems (**Advion Interchim Scientific**)
- » Floor-Standing Centrifuges (**Kubota**)
- » Flow Chemistry Reactors – High Pressure & High Temperature (**ThalesNano, KHIMOD**)
- » Fraction Collectors (**Waters, ECOM, Labomatic Instruments AG, Advion Interchim Scientific**)
- » FT-IR Spectrometers (**Bruker**)
- » FT-NIR Spectrometers (**Bruker**)
- » FT-IR Microscopes (**Bruker**)
- » Freeze Dryers – Laboratory, Pilot & GMP Production (**Dara-Lyo, Büchi**)
- » Fume Hoods – Ductless (**JeioTech**)

G

- » Gas Analyser (**Bruker**)
- » Glovebox Workstations – Inert Atmosphere (**Labstation-i**)

H

- » Heat Exchanger Reactors (**KHIMOD**)
- » Heat-On Block Systems (**Radleys**)
- » Heated Circulators (**PolyScience, BEING Scientific**)
- » High-Pressure Homogenizers – Laboratory & Industrial (**GEA, PRO Scientific**)
- » HPLC Systems (**Waters, ECOM, Labomatic Instruments AG**)
- » Hydrogenation Flow Reactors (**ThalesNano, KHIMOD**)
- » Hydrogen Generators (**ThalesNano**)
- » Handheld Raman Spectrometers (**Bruker**)
- » Hyperspectral Imaging Systems (**Photon etc.**)

I

- » Incubators – Refrigerated or Heated (*Being, JeioTech*)
- » Immersion Mixers (*Robot-Coupe*)

K

- » Kjeldahl Analyzers (*Buchi*)

L

- » Laminar Flow Cabinets & Clean Benches (*BEING Scientific*)
- » LC-MS Systems (*Waters, Advion Interchim Scientific*)
- » Liquid Chromatography Systems – Analytical & Preparative (*Labomatic Instruments AG, ECOM*)
- » Liquid Handling & Dispensing Automation Systems (*Chemspeed Technologies*)
- » Liquid Nitrogen Containers (*Gold Sim, Innova*)
- » Low Temperature Coolers (*PolyScience*)
- » Lyophilizer (R&D) (*Buchi*)
- » Lyophilizer (Process pilot) (*Dara-Lyo*)

M

- » Magnetic Stirrers (*Heidolph, DLAB Scientific*)
- » Mass Spectrometers – Compact & Single Quadrupole (*Advion Interchim Scientific*)
- » Melting Point Systems (*Mettler Toledo*)
- » Microcentrifuges (*Kubota, DLAB Scientific*)
- » Microvolume UV/VIS Spectrophotometers (*Implen*)
- » Microscopes – Upright, Inverted, Stereozoom, Zoom (*ZEISS*)
- » Mixers – Overhead (*Heidolph, JeioTech, DLAB Scientific*)
- » Moisture Analyzers (*Mettler Toledo*)
- » Muffle Furnaces (*BEING Scientific*)

N

- » NanoPhotometer (*Implen*)

O

- » Orbital, Linear & Reciprocal Shakers (*Heidolph, JeioTech, BEING Scientific, DLAB Scientific*)
- » Overhead Stirrers (*Heidolph, JeioTech, DLAB Scientific*)
- » Optical Tweezers & Single-Molecule Force Platforms (*Lumicks*)
- » OD600 Spectrophotometers (*Implen*)

P

- » Parallel Reaction Stations (*Radleys*)
- » Peristaltic Pumps (*Heidolph*)
- » Photochemical Reactors & UV Exposure Systems (*LuzChem Research*)
- » Photochemistry Reactors – Batch & Flow (*ThalesNano*)
- » Pilot Plants & Pilot Reactors (*Radleys, Chemspeed Technologies, ThalesNano, KHIMOD*)
- » Plant Growth Chambers (*BEING Scientific*)
- » pH Meters (*Mettler Toledo*)

- » Preclinical Imaging Systems (NIR/SWIR) (*Photon etc.*)
- » Preparative Chromatography Systems (*RotaChrom, Advion Interchim Scientific, ECOM, Labomatic*)

R

- » Reaction Stations – Multi-Zone (*Radleys*)
- » Recirculating Chillers – High Capacity (*PolyScience, BEING Scientific*)
- » Refrigerated Shakers (*BEING Scientific, JeioTech*)
- » Rheometers (*AMETEK Brookfield, Thermo Fisher Scientific*)
- » Rotary Evaporators (*Heidolph, BEING Scientific, DLAB Scientific*)

S

- » Sample Concentration Systems (*SP Scientific – Genevac*)
- » Screw Vacuum Pumps – Oil Free (*Vacuubrand*)
- » Shaking Incubators (*BEING Scientific, JeioTech*)
- » Solvent Purification Systems (*Labstation-i*)
- » Surface Plasmon Resonance (SPR) Systems (*Affinité Instruments, Reichert*)
- » Scanning Electron Microscopes (SEM) (*ZEISS*)
- » Sonochemistry & Ultrasonic Reactors (*Bandelin, Sonics & Materials*)

T

- » Thermogravimetric Analyzers (TGA) (*Hitachi High-Tech*)
- » Thermal Mechanical Analyzers (TMA) (*Hitachi High-Tech*)
- » Titrators – Karl Fischer (*Mettler Toledo*)
- » Texture Analyzers (*AMETEK Brookfield*)

U

- » Ultrasonic Baths (*Bandelin, JeioTech, Inkarp Ultrasonic Cleaning Solutions*)
- » Ultrasonic Homogenizers & Liquid Processors (*Bandelin, Sonics & Materials, PRO Scientific*)
- » UV/VIS Spectrophotometers (*Mettler Toledo, Implen, DLAB Scientific*)
- » ULT Low Temperature Freezers – 86 °C (*BEING Scientific*)

V

- » Vacuum Controllers (*Vacuubrand, Being/Inkarp*)
- » Vacuum Ovens (*BEING Scientific, JeioTech*)
- » Vacuum Pumps – Diaphragm & Rotary (*Vacuubrand, BEING Scientific*)
- » Viscosity & Rotational Viscometers (*AMETEK Brookfield, Thermo Fisher Scientific*)
- » Vortex Mixers (*Heidolph, JeioTech, DLAB Scientific*)

W

- » Water Baths (*PolyScience, JeioTech, BEING Scientific*)
- » Water Purification Systems (*Sartorius*)
- » Weighing Balances – (*Mettler Toledo*)
- » Winding Machines (*Hohsen Corporation*)

Heidolph Instruments is a premium German manufacturer of laboratory equipment, designing and producing all its systems in Germany since 1938. The brand is globally recognised for precision engineering, durability, and intuitive operation for everyday laboratory use in research and industrial environments.



Hei-VAP Expert Control

01

Rotary Evaporation Systems

- » Hei-VAP Core, Value, Expert, Ultimate
- » Hei-VAP Industrial (large-scale evaporation)
- » Hei-VOLUME Distimatic (automated evaporation)
- » Complete evaporation systems with glassware and vacuum control

02

Magnetic Stirrers & Hotplates

- » Hei-PLATE Mix'n'Heat series
- » Hei-PLATE Safety Control series
- » Digital and analog magnetic stirrers

03

Overhead Stirrers

- » Hei-TORQUE Core
- » Hei-TORQUE Expert
- » Hei-TORQUE Ultimate

04

Shakers & Mixers

- » Hei-SHAKE Orbital shakers
- » Reciprocal shakers
- » Vibrating shakers
- » Platform and incubated shaker variants

05

Liquid Handling & Dosing

- » Peristaltic pumps
- » Dosing and dispensing systems

06

Automation & Process Solutions

- » Laboratory process control modules
- » Integrated automation workstations

07

Applications

- » Chemical R&D
- » Pharmaceutical
- » Life Sciences
- » Academia
- » Industrial QC



Hei-TORQUE
Expert

Hei-PLATE



Radleys is a UK-based manufacturer of innovative laboratory tools for chemical synthesis and process development, with a strong focus on safety, scalability, and reproducibility. With decades of experience supporting chemists worldwide, Radleys is best known for its advanced reactor systems and practical solutions that bridge laboratory research and pilot-scale processes.

Mya 4™ Reaction Station



01

Mya 4™ Reaction Station

- » A 4- Zone reaction station offering safe and precise heating, active cooling, software control and data logging for 24/7 unattended chemistry

02

Carousel 12 Plus Reaction Station™

- » An effective personal synthesis station for parallel solution phase chemistry and solid supported reagent based synthesis.

03

Carousel 6 Plus Reaction Station™

- » The patented Carousel 6 plus simultaneously heats, stirs and refluxes multiple samples under an inert atmosphere



04

Shakers & Mixers

- » Hei-SHAKE Orbital shakers
- » Reciprocal shakers
- » Vibrating shakers
- » Platform and incubated shaker variants

05

Liquid Handling & Dosing

- » Peristaltic pumps
- » Dosing and dispensing systems

06

Automation & Process Solutions

- » Laboratory process control modules
- » Integrated automation workstations

07

Applications

- » Chemical R&D
- » Pharmaceutical
- » Life Sciences
- » Academia
- » Industrial QC

Reactor-Ready™ Flex Lab Reactor

Rötzmeier is a German manufacturer of high-quality stainless-steel safety containers designed for the safe handling, storage, dispensing, and transport of hazardous and flammable liquids. All products are made in Germany and engineered to meet stringent occupational safety, fire safety, and environmental protection requirements.



Safety Cans

01

Safety Cans

- » Stainless-steel safety cans for in-plant handling of smaller quantities (1–5 L)
- » Available with metering devices or screw caps, in laboratory (polished) and industrial (unpolished) editions

02

Safety Barrels

- » For larger bulk handling (10–50 L and up to 200 L)
- » Choice of metering devices on smaller sizes, screw caps or self-closing taps on larger sizes

03

Safety Canisters

- » Medium-capacity containers (5–20 L)
- » Options include self-closing metering devices, screw caps, and taps for safe dispensing

04

Safety Transportation Containers

- » UN-approved containers for hazardous goods transport on roads, rail, sea, and air
- » Designed to meet ADR, RID, IMDG, and ICAO-TI safety standards

05

Funnels

- » Stainless-steel safety funnels with flame traps, overfill protection, and grounding features
- » Designed for secure, spill-free filling of containers

06

Accessories & Spare Parts

- » Soaking trays, washing tanks, filters, self-closing taps, metering devices, flame traps, screw caps, and other components for enhanced safety and long-term use

07

Applications

- » Laboratory safety
- » Chemical handling
- » Flammable liquid storage
- » Transport of hazardous goods
- » Industrial safety



Safety Canisters

PolyScience is a US-based innovator and manufacturer of liquid temperature control solutions for laboratories, industry, and process applications. With over five decades of experience, PolyScience products are engineered for precision, reliability, and ease of use, serving labs worldwide with advanced circulators, chillers, water baths, and specialised systems.



Chiller

01

Circulating Baths & Circulators

- » Refrigerated/heated circulating baths for precise temperature control
- » Heated circulators (immersion and open bath heating solutions)

02

Chillers & Coolers

- » Benchtop chillers (compact cooling)
- » Portable DuraChill® recirculating chillers (Temp Range 30°- 40°)
- » High-capacity recirculating chillers for demanding environments

03

General Purpose Water Baths

- » Digital water baths with precise temperature control and intuitive operation

04

Low Temperature Coolers

- » Immersion-type coolers for rapid cooling without dry ice

05

Application-Specific Products

- » Specialty temperature solutions designed for unique laboratory testing and quality control needs

06

Fluids & Accessories

- » Temperature control fluids and accessory components to support system performance

07

Applications

- » Chemical R&D
- » Pharmaceutical
- » Life Sciences
- » Materials Testing
- » Industrial Processes
- » Analytical Labs



Refrigerated / Heated Circulating Baths

Vacuubrand is a Germany-based manufacturer of high-performance laboratory vacuum pumps and vacuum systems, known for precision engineering, long service life, and reliable vacuum generation for analytical, chemical, and process laboratories.



Screw Vacuum Pump

01

Screw Vacuum Pumps

- » VACUU-PURE 10C – Oil-free, dry screw vacuum pump designed for clean, maintenance-free operation in solvent-rich and sensitive laboratory applications, eliminating the risk of oil contamination.

02

Rotary Vane Vacuum Pumps

- » RZ Series – Robust rotary vane pumps delivering stable and reliable vacuum for routine laboratory operations.
 - RZ-2.5
 - RZ-6
 - RZ-9

03

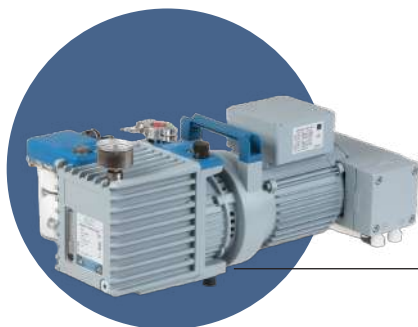
Hybrid Vacuum Pumps

- » RC 6 – Chemistry hybrid vacuum pump combining oil-lubricated and dry technologies for high vapor tolerance, extended service intervals, and dependable performance in demanding chemical workflows.

04

Applications

- » Rotary Evaporation & Distillation
- » Filtration
- » Drying
- » Freeze Drying
- » Degassing
- » Solvent Recovery
- » Vacuum Ovens
- » Laboratory Sample Preparation



RC 6 Hybrid Vacuum Pump



ThalesNano is a pioneering developer of continuous flow chemistry reactors and synthesis platforms that transform traditional batch chemistry into safer, faster, and more controllable flow processes. Their instruments expand accessible chemical space with high-pressure, high-temperature capabilities and provide chemists with advanced tools for hydrogenation, gas reactions, and modular synthesis.

H-Cube® Advance



01

H-Cube® Flow Reactors

- » **H-Cube® Mini Plus** – Safe, on-demand hydrogenation reactor with integrated hydrogen generation up to ~100 bar.
- » **H-Cube® Advance** – Advanced flow reactor capable of using multiple gases via built-in mass flow control and extended temperature range.

02

Phoenix Flow Systems

- » Modular high-temperature, high-pressure flow reactors for homogeneous and heterogeneous chemistry (up to ~450 °C, ~200 bar).
- » Flexible heated elements (coils, loops) and catalyst cartridges for diverse synthesis needs.

03

CatCart® Catalyst Cartridges

- » Pre-loaded catalyst cartridges for safe and efficient hydrogenation and catalytic flow reactions.
- » Available in varied sizes (e.g., 30 mm, 70 mm) and catalyst types.

04

H-Genie® Hydrogen Generators

- » On-demand high-pressure hydrogen production systems that eliminate the need for external hydrogen cylinders.

05

PhotoCube™ Photochemistry Reactors

- » Batch and flow photochemistry platforms using multiple wavelengths for light-driven reactions.

06

Gas Modules

- » Precise dosing modules for introducing a wide range of gases (e.g., O₂, CO, N₂) into flow chemistry systems.

07

Reactor Modules & Accessories

- » Reactor temperature/pressure modules, mixers, pumps, and software controllers (e.g., THS System Controller and THS ReAction software).

08

Applications

- » Hydrogenation
- » Catalysis | Photochemistry
- » High-pressure synthesis
- » Process development
- » Chemical R&D
- » Pharmaceuticals
- » Fine chemicals
- » Petrochemistry



H-Genie

SP Scientific, through its Genevac division, is a UK-based global leader in centrifugal vacuum evaporation technology. Genevac systems are specifically designed for high-efficiency solvent removal, offering safe, fast, and reproducible evaporation for modern chemical and pharmaceutical research laboratories.

Benchtop Solvent Evaporators



01

Benchtop Solvent Evaporators

- » Centrifugal vacuum evaporation systems for parallel solvent removal
- » Designed to eliminate sample bumping, foaming, and cross-contamination
- » Effective for low- and high-boiling solvents, aggressive chemistries, and aqueous systems
- » Supports vials, tubes, flasks, microplates, and reaction blocks
- » Integrated control of vacuum, temperature, and rotation for unattended operation

03

Applications

- » Chemical Synthesis
- » Medicinal Chemistry
- » Pharmaceutical R&D
- » High-Throughput Screening
- » API & Intermediate Drying
- » Analytical Sample Preparation
- » Academic & Industrial Research

02

Key Capabilities

- » Parallel evaporation of multiple samples
- » Uniform drying across all sample positions
- » High recovery of valuable compounds
- » Reduced operator intervention and solvent exposure
- » Excellent reproducibility and process consistency

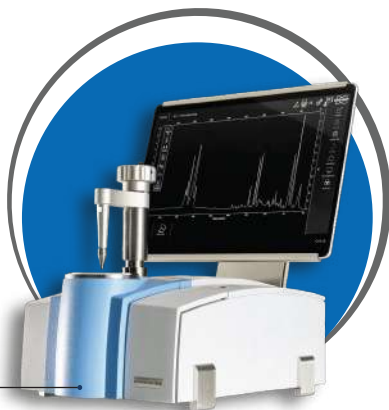


Genevac EZ-2 Bionic Centrifugal Evaporator



Bruker is a global leader in high-performance analytical instrumentation, known for setting benchmarks in molecular and materials analysis. With decades of expertise in Infrared Vibrational spectroscopy, Bruker systems are trusted worldwide for accuracy, sensitivity, and long-term stability across research, quality control, and process environments.

ALPHA II



01

FT-IR Spectrometers

- » The ALPHA II is a compact FT-IR spectrometer with a footprint the size of a laptop. It is used for chemical analysis for Solids, Liquids, gases and thin films.

02

FT-IR Research Spectrometers

- » The INVENIO is made for advanced research and development. The INVENIO supports almost any applications, such as TG-FT-IR and microplate readers.
- » On the other hand, the VERTEX system's vacuum capabilities provide the edge in many applications.

03

FT-NIR Spectrometers

- » The MPA III is a powerful tool for developing sophisticated calibration methods for QA/QC instrument for routine work.
- » The TANGO II operations connects industrial design with modern technology and intuitive handling.

04

Raman Spectrometers

- » BRAVO is the handheld Raman spectrometer dedicated for fast raw materials identification and verification



BRAVO

05

FT-IR Microscopes

- » The LUMOS II is a stand-alone FT-IR microscope and IR laser imaging microscope.
- » HYPERION II as a dedicated research microscope offers extended flexibility.

06

Raman Microscopes

- » The RAMANwalk is a confocal Raman microscope with a twist - an ingenious approach to Raman imaging that enables the generation of smart overview and preview images in minimal time and at high spectral quality.

07

Process Monitoring Solutions

- » The MATRIX-F II FT-NIR spectrometer allows direct measurements in process reactors and pipelines
- » The BEAM is the first single-point analyser with full FT-power
- » The MATRIX-MF is a process ready FT-IR spectrometer that is ideal for real-time monitoring and analysis

08

Gas Analyzers

- » The OMEGA 5 is a plug and play analyser in a 19 inch rack-mount box intended for routine gas applications.

09

Applications

- » Pharmaceuticals
- » Chemicals
- » Polymers
- » Materials Science
- » Academia
- » Industrial QC
- » Process Analytics
- » Battery

Nanalysis Scientific Corp. is a Canadian developer and manufacturer of compact Nuclear Magnetic Resonance (NMR) spectroscopy instruments designed for benchtop use. The company's innovative permanent-magnet NMR systems deliver high-resolution molecular analysis without the need for cryogens, making them accessible, low-maintenance, and suitable for teaching, research, process control, and quality assurance applications worldwide.

Nanalysis-100



01

Benchtop NMR Spectrometers

- » **Nanalysis-60** – 60 MHz compact NMR spectrometer for routine molecular analysis and reaction monitoring.
- » **Nanalysis-100** – 100 MHz benchtop NMR with higher field strength for advanced structure elucidation and quantitative analysis.

02

Modular & Accessory Options

- » **Flow Kit** – Converts NMR instrument into an online analyzer for reaction monitoring/PAT.
- » **AUTOsample-100** – Autosampler accessory for high-throughput benchtop NMR experiments.
- » **Software & Experiment Modules** – Pulse programs, qNMR software, remote control and automation interfaces.

03

Applications

- » Chemical R&D
- » Pharmaceutical Analysis
- » Polymers & Materials
- » Food & Beverage
- » Mining & Energy
- » Academia
- » Forensics
- » Process Monitoring
- » Quality Control.



Nanalysis-60



ECOM spol. s.r.o. is a Czech manufacturer and global supplier of scientific and laboratory equipment focused on liquid chromatography. Established in 1991, the company develops and produces high-quality HPLC, analytical, preparative, and flash chromatography systems and components with flexible solutions tailored to customer requirements.



ECS21

01

Analytical HPLC Systems

- » Gradient analytical chromatography systems (e.g., ECS06 / ECS07)
- » Complete systems with UV-VIS / PDA detectors, pumps, column ovens, autosamplers

02

Preparative Chromatography Systems

- » Lab, Pilot & Production Preparative gradient systems with fraction collectors
- » Compact Preparative chromatography platforms

03

Pumps & Gradient Modules

- » High-pressure analytical and preparative pumps
- » Gradient boxes and degassers

04

Detectors & Optical Systems

- » UV-VIS standalone detectors (including LED series)
- » Refractive index and other detector variants

05

Autosamplers & Sample Handling

- » Automatic HPLC autosamplers with cooling/heating options
- » Sample concentrators and accessories

06

Chromatography Columns & Cells

- » Preparative and medium-pressure DAC columns (Separlab series)
- » Flow cells, test cells, and single-use cells for detectors

07

Fraction Collectors & Valves

- » Fraction collection modules for analytical and preparative runs
- » Chromatography valves and actuators

08

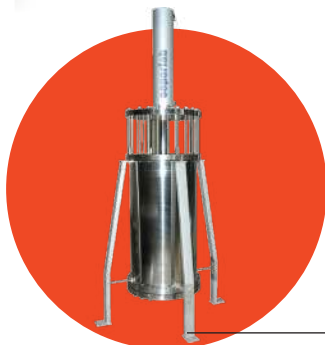
Accessories & Spare Parts

- » Syringes, filters, tubings, fittings, spare seals and hardware

09

Applications

- » Liquid Chromatography
- » Analytical Chemistry
- » Preparative & Flash Separation
- » Pharmaceutical R&D
- » Food & Environmental Testing
- » Industrial QC



Separchrom DAC PC02-MPLC

Advion Interchim Scientific is a global manufacturer of compact mass spectrometry and purification systems, serving pharmaceutical, chemical, academic, and industrial laboratories. The company combines expertise in mass detection, flash purification, and preparative chromatography to support modern analytical and synthetic workflows.

puriFlash®



01

Mass Spectrometry Systems

- » Compact mass spectrometers for molecular confirmation
- » Single quadrupole mass detectors for routine analytical workflows
- » Integrated LC-MS systems for rapid compound identification

03

Chromatography Columns & Consumables

- » Flash chromatography columns
- » Preparative columns
- » Solid loading cartridges
- » Sample preparation accessories

02

Flash & Preparative Chromatography

- » Flash purification systems for synthetic chemistry workflows
- » Preparative chromatography systems for compound isolation
- » Automated fraction collection and method optimization

04

Evaporation & Sample Preparation

- » Sample concentration systems
- » Integrated workflow solutions for compound purification and analysis

05

Applications

- » Synthetic Chemistry
- » Medicinal Chemistry
- » Pharmaceutical R&D
- » API Purification
- » Natural Product Isolation
- » Academic Research
- » Chemical Process Development
- » Quality Control Laboratories



expression®

High performance compact mass spectrometer

Labomatic is a Switzerland-based manufacturer focused on high-performance solutions for liquid chromatography and liquid handling. The company builds standard and customer-specific systems for pharmaceutical and chemical laboratories, with an emphasis on flexible system design and high-quality engineering.



HD-500 Triple Piston Pumps

01

Liquid Chromatography Systems

- » Standard design HPLC systems built around HD 5000 triple piston pumps (binary to quaternary gradient), switch valve systems, autosamplers, detectors, fraction collectors, and LABOCHROM 5 software
- » Customer-specific designs including mobile system trolleys, integrated autosamplers, and solvent safety cabinets with extraction
- » ATEX compliant GMP system solutions with high flow and high pressure configurations, monitoring, and integrated safety cabinets

02

Liquid Chromatography Devices and Modules

- » LABOMATIC HD-5000 triple piston HPLC gradient pump (system controller, high or low pressure gradients)
- » LABOPORT manual sample delivery valve systems
- » LABOMAT AS-5000 AutoSampler (programmable XYZ, wide volume range)
- » Chromatography columns
 - LABOCHROM AMC axially compressible columns for MPLC and HPLC
 - LABOCHROM ACSC axially compressible HPLC steel columns
 - LABOCHROM HDSC HPLC steel columns (empty or packed)
 - LABOCHROM MPGC glass columns for MPLC and flash chromatography
- » Detectors: LABOCORD-5000 diode array (DAD) and UV/VIS spectrophotometer
- » Fraction collectors: LABOCOL Vario-4000 fraction collection series (Vario-4000, Plus, X-Plus)

03

Liquid Handling System Solutions

- » Large-format liquid handling platforms with flexible XY sizing, multi-axis configurations, solvent resistance, and optional RFID identification
- » Fraction collection system solutions with open, height-adjustable platforms, programmable axes, and optional rack recognition

04

Liquid Handling Devices and Modules

- » LABOMAT LH-5000 Liquid Handling Platform (modular base system)
- » Modular add-ons for LH-5000:
 - LABOCOL FS-3000 fraction collector module
 - LABOCOL DS-5000 data storage module
 - LABOCOL CL-5000 cleaning module
 - LABOPORT AS-5000 autosampler module
 - LABOPORT AL-5000 aliquot extraction module
 - LABOPORT PO-5000 pooling module

05

Applications

- » Preparative and process HPLC
- » Pharmaceutical and chemical laboratories
- » Automated sample preparation
- » Fraction collection workflows





AMETEK Brookfield is a US-based global leader in viscosity, rheology, texture, powder flow, and moisture analysis instruments. The brand is widely recognised as the global standard for viscosity measurement, offering repeatable, reliable, and accurate solutions for laboratory, QC, and industrial environments.

Viscometer



01

Viscometers

- » Entry-level viscometers for essential viscosity measurements
- » Digital viscometers with touchscreen interfaces and wide speed ranges
- » Advanced viscometers for viscosity and yield stress determination
- » Cone-plate viscometers for small sample volumes and precise shear control
- » Compliant viscometers (21 CFR Part 11) for regulated laboratories
- » Specialized viscometers for paints, coatings, inks, and pastes
- » Dial viscometers (traditional mechanical standard)

04

Accessories & Measurement Systems

- » Viscometer and rheometer spindles
- » Small sample adapters and ultra-low viscosity adapters
- » Helipath systems for gels, creams, and non-flowing materials
- » Temperature control systems (water baths, heating systems)
- » Calibration fluids and viscosity standards

05

Calibration & Compliance Services

- » Calibration and repair services
- » NIST traceable certification
- » IQ/OQ/PQ validation support

02

Rheometers

- » Controlled shear rate and controlled shear stress rheometers
- » Cone-plate rheometers for small sample sizes
- » Coaxial cylinder rheometers for low-viscosity and volatile samples
- » Oscillatory rheometers for viscoelastic property measurement
- » Soft-solids testers for pastes, slurries, and particulate materials

06

Applications

- » Viscosity & Rheology Measurement
- » Paints, Coatings & Inks
- » Pharmaceuticals
- » Food & Beverage
- » Chemicals & Polymers
- » Cosmetics & Personal Care
- » Battery & Energy Materials
- » Quality Control
- » Research & Development

03

Texture & Powder Flow Analysis

- » Texture analyzers for compression and tension testing
- » Powder flow testers for formulation, characterization, and QA/QC

KHIMOD is a French climate-tech innovator developing Heat Exchanger-Reactor (HER) systems for continuous chemical processing and the decarbonization of energy sectors. The company's technology enables efficient flow chemistry, catalytic hydrogenation, and production of e-methane, e-methanol, and sustainable fuels by reusing CO₂ with low-carbon hydrogen.

KHIMOD-K3



01

Heat Exchanger-Reactors (HER)

- » K1 HER – Lab-scale flow reactor core
- » K2 HER – Enhanced channel count for elevated throughput
- » K3 HER – Mid-scale reactor for intensified hydrogenation
- » K4 HER – Industrial-grade heat exchanger reactor
- » K5 HER – Highest capacity reactor for large-scale flow processes
- » HERs deliver exceptional heat transfer and can operate at high pressure and temperature, enabling continuous catalytic reactions under extreme conditions.

02

Turnkey Flow Chemistry Systems

- » Integrated continuous processing units combining HER modules with feed, heat management, and control systems
- » Modular design for hydrogenation, Fischer-Tropsch, methanation, and other catalytic processes

03

Energy Synthesis Solutions

- » E-methane production units (Power-to-Gas/SNG)
- » E-methanol and e-fuels synthesis platforms using CO₂ and hydrogen
- » Scalable production systems for sustainable transport fuels, aviation fuels, and decarbonized chemical feedstocks

04

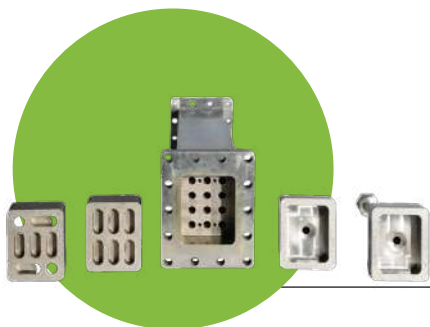
Flow Chemistry Modules & Services

- » Reactor configuration and customization for process intensification
- » Engineering support and system integration for industrial continuous manufacturing

05

Applications

- » Flow Chemistry
- » Catalytic Hydrogenation
- » Energy Transition & E-Fuel Production
- » Continuous Manufacturing
- » CO₂ Valorization
- » Chemical Process Intensification



Versatile reactors

RotaChrom Technologies is a Hungary-based chromatography technology company and pioneer of industrial-scale Centrifugal Partition Chromatography (CPC) platforms. It develops and manufactures advanced preparative purification systems that enable scalable, cost-effective, solvent-efficient separation of complex mixtures for pharmaceutical, Peptide Purification GLP-1 / GIP, nutraceutical, and specialty chemical workflows.

CPC Modeler



01

GMP Benchtop & Method Development CPC Systems

- » Desktop CPC platforms for early stage research
- » Designed to support method development and solvent system screening prior to scale-up

02

GMP Pilot-Scale Centrifugal Partition Chromatography

- » GMP CPC – rCPC is designed to adhere to cGMP regulations according to Eudralex Vol. 4 The platform can be used for API-grade compound production and pilot scales purification and research tasks in a pharmaceutical environment. It is possible to collect up to 9 COI fraction and impurity fraction.
- » Pilot CPC instruments bridging the gap between laboratory and production scale
- » Ideal for batch and campaign-style purification runs spanning mg to multi-gram quantities

03

GMP Industrial-Scale CPC Platforms

- » Large centrifugal partition chromatography systems for continuous or large batch purification
- » Designed for high-throughput industrial separation of APIs, natural extracts, and complex mixtures with liquid–liquid chromatography techniques

04

GMP Integrated Continuous Purification Solutions

- » GMP Continuous CPC technology for sustained, automated separation processes
- » Enhances productivity and sustainability with reduced solvent use and waste generation

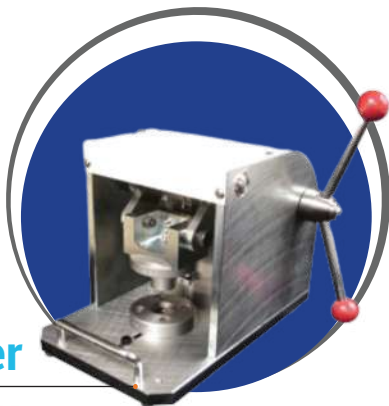
05

Applications

- » Preparative & Industrial Chromatography
- » Active Pharmaceutical Ingredient (API) Purification
- » Natural Product & Botanical Extract Isolation
- » Nutraceutical Purification
- » Process Development
- » Chemical & Biotech Manufacturing
- » Scale-Up Separation Science



Hohsen Corporation is a specialised Japanese manufacturer of battery research, cell assembly, and electrode processing equipment. With decades of experience supporting battery development and production engineering, Hohsen's precision tools and machines are widely used by research labs, universities, and battery manufacturers for advanced battery R&D and prototype fabrication.



Manual Coin Cell Crimper

01

Battery Cell Assembly & Test Equipment

- » Coin cell crimpers and fixtures for research
- » Button cell assembly tools
- » Cylindrical cell assembly machines (e.g., 18650, 21700 formats)
- » Pouch and prismatic cell assembly systems
- » Cell sealing and handling accessories

02

Electrode Preparation & Materials Handling

- » Electrode coating machines
- » Calendering roll presses for electrode densification
- » Mixing and dispersion equipment for battery slurries

03

Battery Parts & Components

- » Electrode sheets (positive and negative)
- » Battery parts and materials for research use

04

Battery Testing & Evaluation Instruments

- » Precision machines for evaluating battery components
- » Test fixtures and tooling suited for R&D and prototype evaluation

05

Accessories & Consumables

- » Assembly jigs, separators, collectors, tabs and related consumables

06

Applications

- » Li-ion Battery Development
- » Solid-state Battery Research
- » Electrode Manufacturing R&D
- » Cell Prototyping
- » Materials Testing
- » Energy Storage Innovation



Automatic Coin Cell Crimper



Maccor is a leading US manufacturer of advanced battery test systems and automated cyclers for research, development, and production environments. With decades of expertise in battery testing technology, Maccor's solutions deliver high-precision, reliable performance for a wide range of electrochemical applications from early R&D to manufacturing quality assurance.



Battery Test System 4000H

01

Battery Test Systems & Cyclers

- » Automated battery cyclers for charge/discharge profiling
- » Multi-channel testing systems (high throughput)
- » Systems configurable for voltage, current, and temperature control

02

Battery Environmental Test Chambers

- » Temperature-controlled chambers for cycling under defined thermal conditions
- » Integrated environmental systems for accelerated life testing

03

Battery Test Software & Data Management

- » Test automation software for protocol creation and execution
- » Data acquisition, analysis, and reporting tools

04

Power & Safety Test Modules

- » Modules for safety testing (overcharge, short-circuit, thermal abuse)
- » Tools for performance and degradation characterization

05

Cell Fixtures & Interfaces

- » Electrode and cell holders for coin, pouch, prismatic, and cylindrical cells
- » Connectors and interface hardware for dependable electrical contact

06

Applications

- » Battery R&D
- » Automotive & EV Battery Development
- » Consumer Electronics
- » Energy Storage Systems
- » Materials Characterization
- » Quality Control



The Fully Integrated Battery Test System

FOM Technologies is a Denmark-based manufacturer of advanced thin-film coating and slot-die coating systems, designed for precise material deposition in research, pilot, and industrial environments. Their platforms enable controlled, scalable coating processes for next-generation materials and energy applications.

FOM nanoRC

**01**

Slot-Die Coating Systems

- » Laboratory and pilot-scale slot-die coating equipment
- » Precise control over coating thickness, speed, and uniformity
- » Designed for reproducible thin-film deposition

02

Thin-Film Coating Platforms

- » Systems supporting coating on flexible & rigid substrates
- » Integration with drying, heating, and substrate handling modules
- » Suitable for roll-to-roll and sheet-based processing

03

Process Development & Pilot Systems

- » Scalable platforms bridging lab research to industrial production
- » Configurable setups for material screening & process optimisation

04

Automation & Control Systems

- » Software-controlled coating parameters & process monitoring
- » Data-driven process control for repeatable results

05

Applications

- » Battery & Energy Materials
- » Solar Cells (Perovskite & PV)
- » Printed Electronics
- » Fuel Cells
- » Thin-Film Research
- » Nanomaterials
- » Coating Process Development
- » Academic & Industrial R&D



Labstation-i is a specialised laboratory integrated glovebox workstations and solvent purification systems designed for sensitive chemistry and moisture-/oxygen-free workflows. The systems are assembled and configured by Inkarp to meet application-specific laboratory requirements, with a strong focus on safety, reliability, and everyday usability.



Glovebox Workstations

01

Glovebox Workstations

- » Inert atmosphere gloveboxes for air- and moisture-sensitive chemistry
- » Configurations for synthesis, handling, weighing, and storage
- » Controlled oxygen and moisture levels with monitoring systems
- » Modular designs to suit research and routine laboratory workflows

03

Applications

- » Air-Sensitive Chemistry
- » Organometallics
- » Battery & Materials Research
- » Catalysis
- » Pharmaceutical & Chemical R&D
- » Academic Laboratories

02

Solvent Purification Systems

- » Column-based solvent purification systems
- » Dry, oxygen-free solvent dispensing on demand
- » Multiple solvent line configurations
- » Designed to eliminate solvent distillation and improve lab safety



Solvent Purification System



LuzChem Research is a Canada company specialising in photochemical and environmental test systems. Their engineered instruments enable controlled light-driven reactions, accelerated aging studies, and UV/visible exposure testing for research, quality assurance, and materials development.

LZC Photoreactor



01

Photochemical Reactors & Photoreactors

- » LZC-3 Photochemical Reactor for controlled irradiation
- » LZC-4 Modular photoreactor with multiple lamp options
- » Systems for UV/Vis reaction studies and photochemistry workflows

02

Solar Simulators & Light Sources

- » LZC-S1 / LZC-S2 Solar simulators with AM1.5 and other spectral outputs
- » Xenon arc and LED light sources for accelerated exposure testing

03

Photostability & Environmental Test Chambers

- » Controlled light exposure chambers for stability and degradation studies
- » Ozone, temperature, and humidity test variants

04

UV Aging & Exposure Systems

- » UV cabinets and benches for corrosion, polymer, and coating tests
- » Customisable test fixtures for material qualification

05

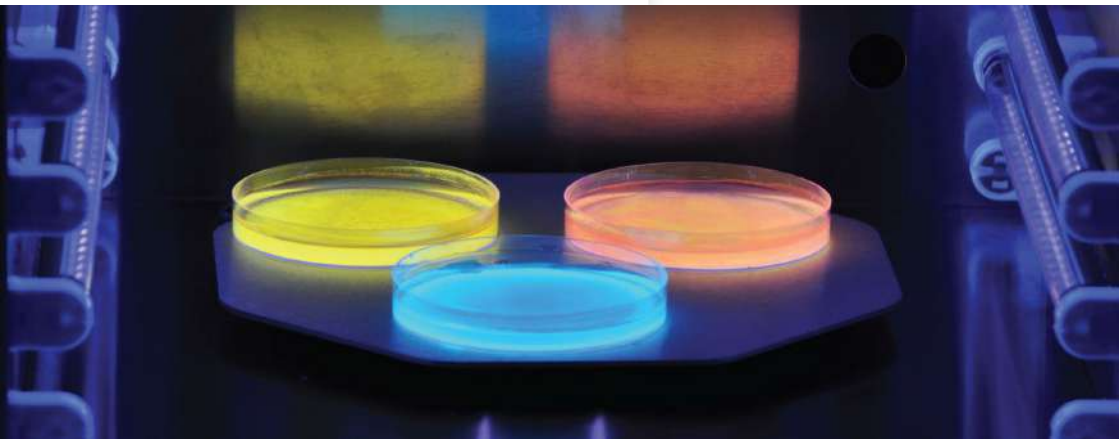
Accessories & Controls

- » Light filters, dosimeters, sample holders, data logging software
- » Control modules for spectral tuning and process automation

06

Applications

- » Photochemistry Research
- » Solar Energy Materials
- » Photostability Testing
- » Environmental Simulation
- » Polymer & Coating Aging
- » Pharmaceutical Light Exposure Studies



Robot-Coupe is a French manufacturer of high-performance food processing equipment, widely adopted not only in professional kitchens but also in food research, formulation, and product development environments. The brand is valued for robust engineering, consistent processing results, and suitability for repetitive, controlled sample preparation.

Blixer



01

Blenders & Immersion Mixers

- » Blixer® / High-Performance Blenders
 - High-shear blending for producing uniform purees, emulsions, and suspensions
 - Suitable for preparing reproducible samples for texture, rheology, and sensory analysis
 - Capable of handling solids, semi-solids, and liquid matrices in R&D and pilot workflows
- » Immersion Mixers (Stick Blenders)
 - Direct in-vessel blending for laboratory and pilot-scale sample preparation
 - Enables controlled shear mixing with minimal sample transfer and loss
 - Available in multiple shaft lengths and power ratings to support scale-up studies

02

Applications

- » Food R&D
- » Product Formulation
- » Texture & Rheology Studies
- » Sensory Evaluation Sample Prep
- » Pilot-Scale Processing
- » Quality & Method Development



Blixer 23®

Bandelin is a specialist German brand in ultrasonic technology with decades of expertise that spans high-performance ultrasonic processors, baths, and reactors for laboratories and industrial use. Their portfolio is widely used for sample preparation, cleaning, homogenisation, and advanced ultrasonic workflows.



SONOREX™ Ultrasonic Bath

01

Ultrasonic Baths

- » SONOREX series (compact and high-performance ultrasonic cleaning baths)
- » SONOREX DIGITEC / DIGIPLUS (digital control ultrasonic baths)
- » Large-capacity ultrasonic cleaning systems for labs and industry

02

Ultrasonic Homogenisers & Processors

- » SONOPULS ultrasonic homogenisers for sample disruption, dispersion, and sonochemistry
- » Bench-top to high-power ultrasonic processors for liquids and suspensions

03

Ultrasonic Tube Reactors & Specialty Devices

- » SONOREX TECHNIK ultrasonic tube reactors and specialised ultrasonic systems for process intensification

04

Accessories & Probes

- » Ultrasonic probes, sonotrodes, boosters, converters, and mounting hardware
- » Flow cells, stands, and accessory kits to enhance system performance

05

Applications

- » Sample Preparation
- » Homogenisation
- » Emulsification
- » Sonochemistry
- » Cleaning & Degassing
- » Cell Lysis
- » Materials Processing
- » Quality Control



Kubota Corporation (Japan) is a long-established manufacturer of high-quality laboratory centrifuges and separation systems. With a history dating back to 1920, Kubota centrifuges are engineered for dependability, precise performance, and durability in research, clinical, and industrial laboratory workflows. All products are tested and built to meet rigorous quality standards.

High Speed Refrigerated Centrifuge 7000



01

General Purpose Centrifuges

- » Tabletop and floor units for routine sample separation
- » Refrigerated and non-refrigerated versions up to large capacity models
- » Models: S300T, S300TR, S500T/S500FR, S700T/S700TR/S700FR

02

Micro & Laboratory Centrifuges

- » Tabletop microcentrifuges and refrigerated micro models
- » Plate centrifuge for microplates and deep-well plates
- » High-speed refrigerated models for broader sample range
- » Models: 3300, 3520, M300FR, M500TR, 6200, 6000, 7000

03

Large Capacity & Specialized Centrifuges

- » High-capacity refrigerated centrifuges for larger volumes
- » Blood bag compatible centrifuges for clinical and processing labs
- » Models: 8730, 9925, 9945

04

Hematocrit & Immuno-Hematology Centrifuges

- » Dedicated units for hematocrit and specialized clinical separations
- » Models: 3220 micro hematocrit, KA-2200 immuno-hematology centrifuge

05

Applications

- » Clinical Diagnostics
- » Cell & Molecular Biology
- » Biochemistry
- » Pharmaceutical R&D
- » Sample Preparation and Separation
- » Blood Processing
- » Industrial Labs

Benchtop High Speed Refrigerated Centrifuge M500TR



JeioTech (brand name Lab Companion) is a Korea-based manufacturer of reliable general-purpose laboratory equipment and environmental test systems. The company's products support routine lab workflows, environmental conditioning, and safety-oriented sample handling for chemistry, biology, and materials labs.



Incubated Shakers

01

Ovens & Drying Equipment

- » Natural convection ovens
- » Forced convection ovens (standard & programmable)
- » Vacuum ovens for solvent removal and drying tasks
- » Specialty drying chambers and heating chambers

02

Baths, Circulators & Chillers

- » Heating baths and shaking heating baths
- » Refrigerated & heating bath circulators
- » Recirculating chillers / coolers for temperature control

03

Environmental Chambers

- » Temperature & humidity test chambers (basic, tabletop, and specialized)
- » Low-temperature and stability test chambers

04

Incubators & Shakers

- » Air-jacketed and forced-convection incubators
- » Incubated shakers and stackable shaker systems

05

Stirrers & Mixers

- » Hotplate & magnetic stirrers (analog and digital)
- » Magnetic stirrers (multi-position)
- » Overhead stirrers and vortex mixers

06

Fume Hoods & Safety Workstations

- » Biosafety cabinets (Class II A2)
- » Clean benches and ductless fume hoods
- » UV cabinets and extraction arms

07

Storage & Laboratory Support

- » Fire safety cabinets and corrosive storage cabinets
- » Dry cabinets and vacuum desiccators
- » Refrigerators and laboratory freezers

08

Miscellaneous Laboratory Equipment

- » Ultrasonic cleaners
- » PCR workstations
- » Heating & cooling blocks
- » Rotators and sample handling products

09

Applications

- » General Laboratory Workflows
- » Chemistry & Biology Labs
- » Environmental Conditioning
- » Sample Preparation
- » Safety & Containment
- » Stability Testing
- » Quality Control



Sonics & Materials, Inc. is a US-based leader in high-powered ultrasonic technology, designing and manufacturing advanced ultrasonic liquid processors and related equipment. With decades of innovation and an extensive global distribution network, Sonics systems are used in labs and industries where ultrasonic energy drives sample preparation, dispersion, and processing tasks.



Probe Sonicator VCX 750

01

Ultrasonic Liquid Processors

- » Vibra-Cell™ VCX Series – Bench-top ultrasonic processors (e.g., VCX-500, VCX-750) for liquid sample processing
- » High-power ultrasonic processors for small to medium volumes and scalable liquids

02

Ultrasonic Welding Systems

- » Ultrasonic equipment for plastics and metal welding applications
- » Integrated ultrasonic generators and tooling assembly systems

03

Ultrasonic Accessories & Probes

- » A range of ultrasonic probes (sonotrodes), boosters, and converters for variable power and sample volumes
- » Flow cells, stands, sound enclosures, and accessory kits to complement core processors

04

OEM & Custom Solutions

- » OEM-ready ultrasonic modules and designs for integration into customer equipment or process systems

05

Applications

- » Sample Preparation
- » Homogenization
- » Dispersion & Deagglomeration
- » Cell Lysis
- » Emulsification
- » Sonochemistry
- » Materials Processing
- » Welding & Bonding





Authorized Dealer



ZEISS is a global leader in optical and optoelectronic technologies, offering advanced microscopy solutions for life sciences, materials research, industry, and education. ZEISS microscopes are known for optical precision, system reliability, and application-driven design.



Primovert

01

Upright Microscopes

- » Axio Imager
- » AxioLab
- » Axioscope
- » Primostar

02

Inverted Microscopes

- » Axio Observer
- » Axiovert 5 / 7
- » Axiovert 5 Digital
- » Primovert

03

Zoom Microscopes

- » Axio Zoom V16
- » Smartzoom 5

04

Stereozoom Microscopes

- » Stemi 355
- » Stemi 508

05

ZEISS SteREO Discovery Family

- » Discovery V8
- » Discovery V12
- » Discovery V20

06

Specialized Systems

- » ZEISS AxioScan 7
- » ZEISS Celldiscoverer 7

07

Applications

- » Life Sciences
- » Materials Research
- » Electronics
- » Industrial Inspection
- » Education
- » Research Laboratories
- » Pathology Diagnostics



Dara-Lyo is a Spanish freeze-drying specialist, part of the Dara Pharma Group, focused on professional freeze dryers (lyophilizers) and integrated systems for pharmaceutical, biotech, nutritional, cosmetic, chemical, and laboratory applications. The brand offers a comprehensive range of freeze-drying equipment from laboratory testing to large-scale production.

LyoEpic



01

Laboratory & Pilot Freeze Dryers

- » **LyoMicron** – Compact lab freeze dryer for initial tests and small batches
- » **LyoEpic** – Enhanced pilot unit with flexible configurations
- » **TriEpic** – Multi-use lab/pilot freeze dryer with dual condenser options
- » **LyoLab / LyoLab*** – Extended capacity pilot systems with precise control for development and small production scales

03

Freeze Dryers for Probiotic & Nutritional Industry

- » **LyoBiotic** – Integrated monoblock freeze dryers designed for probiotic, nutritional, and food products with high throughput options

04

Loading & Integrated Systems

- » Automated or semi-automated loading/unloading systems
- » Optional integration to production lines and filling systems

02

GMP Production Freeze Dryers

- » **LyoNano** – Small batch GMP-compliant production units
- » **LyoCompact** – Small scale GMP production freeze dryer
- » **LyoCool** – Medium scale production freeze dryer
- » **LyoPro** – Large scale GMP production freeze dryer
- » **LyoPharm** – Production freeze dryer balancing performance and cost

05

Accessories & Controls

- » Vacuum control modules
- » Data acquisition and SCADA-based control systems
- » Custom software and hardware options for freeze-drying processes

06

Applications

- » Pharmaceutical Freeze Drying
- » Biotech R&D & Production
- » Nutritional & Food Product Lyophilization
- » Cosmetics
- » Chemical Laboratories
- » Pilot & Scale-Up Freeze Drying



TriEpic

Photon etc. is a Canada-based manufacturer of advanced hyperspectral, infrared, and optical imaging systems designed to support cutting-edge life sciences research. Their technologies enable detailed visualization and quantitative analysis of biological processes from cellular to whole-organism scales, particularly in the near-infrared (NIR) and shortwave-infrared (SWIR) ranges.



NIR-II IN VIVO Imaging

01

Preclinical Imaging Systems

- » **LightIR™** – A versatile, open/closed environment NIR-I/NIR-II fluorescence imaging device designed for preclinical research and fluorescence-guided surgery (FGS) applications.

Its adaptable configuration allows for use with both small and large animal models, facilitating seamless translation from bench to bedside

- » **IR VIVO™** – Positioned as the reference multispectral imaging system for small animal in vivo studies.

This instrument leverages the unique advantages of NIR-II imaging (900–1600 nm) to achieve significantly greater tissue penetration depth, superior contrast, and virtually no autofluorescence, which is critical for accurate pharmacokinetic (PK) studies and deep tissue analysis.

It is optimized for precise, high-resolution deep-tissue imaging essential for detailed pharmacological and biological research.

02

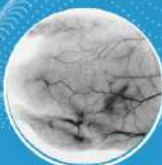
Microplate & Spectral Analysis Tools

- » **Clair™** – NIR-II capable microplate reader capturing full fluorescence and transmittance spectra, ideal for quantitative optical assays.

03

Applications

- » Preclinical & Small Animal Imaging
- » Biomarker Tracking
- » Fluorescence & NIR-II Signal Detection
- » Spectral Fluorescence Microplate Analysis
- » Cellular & Tissue-Level Research
- » Optical Biosensing
- » Pharmacology & Drug Development
- » Life Sciences Research
- » Biochemistry & Nanosensors



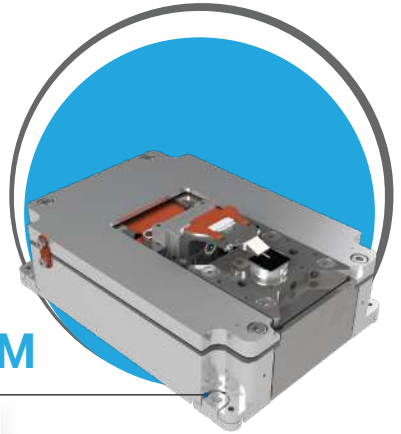
DISCOVER PHOTON ETC.'S NEW SYSTEM:

LIGHTIR





NenoVision is a Czech technology company and pioneer in in-situ correlative microscopy, specialising in instruments that combine atomic force microscopy (AFM) with scanning electron microscopy (SEM) for true multimodal nanoscale analysis. The company was founded as the first spin-off from the Brno University of Technology and CEITEC and has been advancing AFM-in-SEM workflows for research and industrial applications.



LiteScope AFM-in-SEM

01

LiteScope™ AFM-in-SEM Systems

- » **LiteScope™ Series** – Compact AFM modules designed to integrate seamlessly into conventional SEM chambers for correlative microscopy.
- » **LiteScope™ 2.5** – Next-generation AFM-in-SEM platform with enhanced control and expanded analytical capabilities.

02

Correlative Probe & Electron Microscopy (CPEM™) Technology

- » Enables true simultaneous acquisition and correlation of AFM and SEM data.
- » Supports multimodal measurements combining topography, mechanical, electrical, and other nanoscale properties.

03

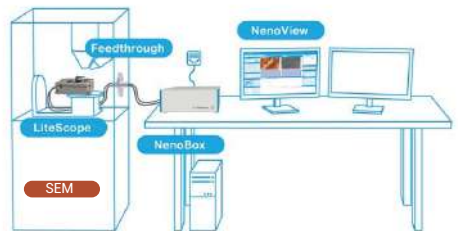
Accessories & Probe Modules

- » Specialized AFM probes optimized for in-SEM operation.
- » Mounting and integration kits for a range of SEM models.

04

Applications

- » Correlative Microscopy
- » Materials Science
- » Semiconductor Failure Analysis
- » Battery & Energy Materials
- » Nanostructured Surface Characterisation
- » Life Sciences
- » Nanotechnology Research





Implen is a German company specialising in microvolume UV/visible spectrophotometers and photometric analysis instruments. Their precision optical measurement systems are engineered for rapid, accurate quantification of nucleic acids, proteins, and other analytes with minimal sample volume — making them ideal for research, QC, and method development across life sciences and analytical labs.



NanoPhotometer® NP80

01

Microvolume Spectrophotometers

- » **NanoPhotometer® NP80** – Premium model for both microvolume (0.3 µl) and standard cuvette measurements; includes a built-in vortexer
- » **NanoPhotometer® N60/N50/N30** – Dedicated Microvolume models. The N60 covers the full 200–900 nm range, while the N50 with 200–650 nm range, N30 entry-level & budget friendly option
- » **Implen OD600** - Portable spectrophotometer for rapid and precise measurement of cell density in bacterial and yeast cultures
- » **Cuvette Spectrophotometer® C40** – High-sensitivity, cuvette-only UV/Vis spectrophotometer

03

Dedicated Assay & Application Software

- » **Automated QC** – Features Blank Control™ and Sample Control™ to identify air bubbles, impurities, or bad cleaning
- » **Regulatory Compliance** – Optional 21 CFR Part 11 software and IQ/OQ packages for GxP environments

04

Calibration & Validation Tools

- » Reference standards and calibration kits for traceable results
- » Validation protocols to support QA/QC documentation

02

Core Technologies

- » **Sample Compression Technology™** – Compresses the sample to create a stable, enclosed environment that prevents sample evaporation and ensures consistent, accurate measurements.
- » **True Path Technology™** – Provides fixed path lengths for lifetime accuracy without ever needing recalibration.

05

Applications

- » Molecular Biology
- » Genomics & Proteomics
- » Biochemistry
- » Quality Control
- » Pharmaceutical R&D
- » Environmental Analysis
- » Clinical Research



Lumicks is an innovative life-science technology company that develops advanced single-molecule analysis platforms. Their instruments combine optical tweezers, microfluidics, and high-resolution imaging to enable real-time, quantitative studies of molecular and cellular mechanics — empowering research in biophysics, drug discovery, and mechanobiology.

C-Trap & m-Trap



01

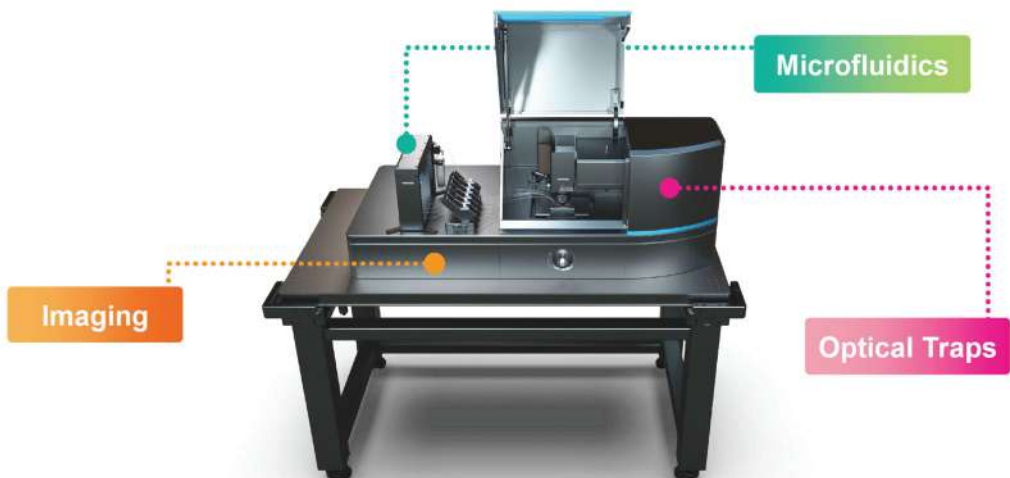
Single-Molecule Force & Interaction Platforms

- » **C-Trap®** – Integrated optical tweezers with confocal microscopy for precise manipulation and force measurement at the single-molecule level.
 - Force Resolution: ≈ 0.1 pN at 100 Hz
 - Spatial Precision: Sub-nanometer bead displacement resolution (<0.3 nm).
 - Imaging Modalities: Supports 3-color confocal, Widefield, TIRF, and STED super-resolution (up to 20 nm pixel size).
 - Configuration: Available in dual-trap or quadruple-trap (4-trap) setups for complex DNA/protein “bridge” geometries
- » **m-Trap®**: A specialized, high-stability optical tweezers system designed specifically for measuring molecular processes with base-pair resolution

02

Applications

- » Single-molecule biophysics
- » Protein-DNA interaction studies
- » Molecular motor mechanics
- » Cell mechanobiology
- » Drug discovery & screening
- » Biomolecular interaction analysis
- » Nanomechanics
- » Systems biology



Nanosurf is a Swiss precision instrumentation company and global leader in atomic force microscopy (AFM) and scanning probe technologies. Founded in 1997, Nanosurf focuses on delivering AFM systems that combine ease of use, stability, and high-resolution imaging for research, industrial, and educational applications.

DriveAFM



01

Research & High-Performance AFMs

- » DriveAFM – High-end flagship AFM featuring unmatched stability, CleanDrive™ photothermal excitation, and WaveMode™ high-speed imaging.
- » FlexAFM – Modular, research-grade AFM with high versatility and expandability; ideal for integration with inverted optical microscopes

03

Modular & Integratable Systems

- » Nanite – Ultra-compact AFM module for integration into OEM and custom setups.
- » LensAFM – AFM module integrated with optical microscopes for combined imaging.
- » Flex-Mount & Scan Heads – Options for flexible mounting and multi-modal arrangements.

02

Industrial & Metrology AFMs

- » Alphacen 300 – Large sample AFM with enhanced metrology performance.
- » Alphacen 200 Drive – Semiconductor-optimized AFM with Drive core performance.
- » Custom AFM Configurations – Tailored AFM solutions for specific industrial applications.

04

Entry-Level & Education AFMs

- » NaioAFM – User-friendly all-in-one AFM optimized for teaching and routine imaging.
- » NaioSTM – Compact scanning tunneling microscope for atomic-scale surface imaging.

05

Applications

- » Nanotechnology
- » Surface Characterization
- » Materials Science
- » Semiconductor Metrology
- » Life Sciences
- » Energy Materials
- » Quality Control
- » Education





BWB Technologies is a UK-based designer and manufacturer of award-winning flame photometers and automation systems for elemental analysis. The company focuses on precision engineering, modern digital design, and application-specific solutions built for rapid, accurate measurement of key elements in laboratory and industrial workflows.



Flash Flame Photometer

01

Flame Photometers

- » **BWB FLASH** – The newest platform featuring a 5" capacitive touchscreen and configurable element analysis.
- » **BWB XP** – The flagship 5-element instrument for simultaneous detection of Na, K, Li, Ca, and Ba.
- » **BWB XP PLUS** – High-accuracy version featuring an Internal Reference Standard (IRS) for maximum stability.
- » **BWB BIO / BIO AV** – Specialist models for biological matrices (serum/urine) with dedicated clinical calibration routines.
- » **BWB NUCLEAR** – Online four-channel system with 4-20mA output for real-time power plant monitoring.
- » **BWB SYNFUELS** – Tailored for synthetic and bio-fuel production analysis.
- » **Industry Specifics** – Dedicated models for SUGAR (refining), SOIL (agriculture), and Lithium (high-precision Li analysis).
- » **SFP** – Six-element flame photometer for expanded elemental workflows.

02

Automation & Workflow Systems

- » **AFHS** – Automated Fluid Handling System (auto-sampler, auto-diluter, printer) for higher throughput and reproducibility.
- » **Software & Data Tools** – FP-PC application for data reporting in CSV/PDF, LIMS connectivity, and calibration management.

03

Consumables & Support Services

- » **Just Add Gas** – Ships with all necessary 10,000 ppm calibration standards, lab ware, and fluids for immediate out-of-the-box operation.
- » **Compliance** – Full IQ/OQ/PQ web-based certification available to meet GLP/GMP laboratory standards.

04

Applications

- » Elemental analysis of Sodium (Na)
- » Potassium (K)
- » Lithium (Li)
- » Calcium (Ca)
- » Barium (Ba) in diverse samples such as biological media, fuels, soils, industrial streams, and monitoring systems.



Consumables

Reichert's SPR Systems are advanced Surface Plasmon Resonance (SPR) instruments designed to provide real-time, label-free analysis of biomolecular interactions with high sensitivity, precision, and flexibility. These systems support researchers in characterizing kinetics, affinity, and thermodynamic parameters across a broad range of life sciences and drug discovery applications.

Reichert® 4SPR



01

Surface Plasmon Resonance (SPR) Systems

- » **Reichert 4SPR** – The flagship four-channel SPR system designed for maximum efficiency and high-throughput screening.
- » **Reichert 3SPR** – A three-channel system that provides an excellent balance between throughput and cost, allowing for multiple target experiments in a single run.
- » **Reichert 2SPR** – A highly sensitive and affordable two-channel SPR system that pushes the limits of detection, ideal for academic labs and detailed kinetic analysis of low molecular weight compounds (<100 Da).

03

Consumables & Software

- » **Intuitive Software:** The included software features guided, drag-and-drop workflows that simplify complex experiment design and support GxP and 21 CFR Part 11 compliance.
- » **Wide Sensor Chip Array:** Offers a large selection of affordable sensor chips, including plain gold, carboxymethyl dextran, Ni-NTA, Protein A, and hydrophobic surfaces to meet diverse application needs.

04

Applications

- » Label-free biomolecular interaction analysis
- » Protein-ligand kinetics
- » Antibody characterization
- » Drug discovery screening
- » Thermodynamic profiling
- » Receptor binding studies
- » Biophysics & translational research

02

Core Technology & Advantages

- » **Open Architecture:** Unlike closed systems, Reichert SPR instruments use an open design with accessible, low-cost, off-the-shelf HPLC fluidics and user-changeable flow cells, minimizing downtime and maintenance costs.
- » **Exceptional Sensitivity:** Features industry-leading low noise (0.05 μ RIU RMS) and low drift (<0.1 μ RIU/min).





Affinité Instruments is a Canadian developer of compact surface plasmon resonance (SPR) biosensing instruments designed to bring real-time, label-free molecular interaction analysis to benchtop research environments. The company's proprietary **Lensless SPR** technology focuses on simplifying traditional SPR workflows while delivering high sensitivity and rapid, robust results for life sciences and bioanalytical applications.

P4SPR



01

Portable & Benchtop SPR Systems

- » P4SPR – Ultra-compact SPR platform for real-time biomolecular interaction analysis.
- » P4SPR 2.0 – Enhanced version with refined performance and usability.
- » P4PRO & Affipump – Hybrid SPR system with automated sample delivery for kinetic studies.
- » P4PRO+ – Advanced benchtop SPR platform with expanded fluid control and workflow flexibility.

03

Software & Control Tools

- » ezControl Software: Intuitive analysis software featuring a guided interface for data acquisition, processing, and visualization, with CSV export compatibility for third-party tools like TraceDrawer.

04

Applications

- » Label-free biomolecular interaction analysis
- » Protein-ligand binding studies
- » Kinetics & affinity characterization
- » Assay development
- » Drug discovery screening
- » Bioanalytical research
- » Biomanufacturing process analysis
- » Environmental and clinical biomarker detection

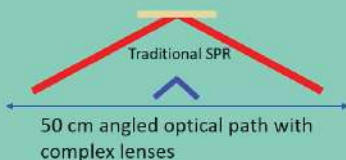
02

SPR Sensor Chips & Consumables

- » Custom sensor chips with diverse surface chemistries for binding studies.
- » Kits and supplies tailored for specific assay formats.

Lensless SPR® Technology

Ultra-compact (10x smaller optical path)



< 5 cm linear optical path with no lenses



SBT Instruments is a Denmark-based manufacture of innovative microbial detection solutions that enable rapid, accurate, and label-free bacterial enumeration. The company focuses on replacing traditional, slow culture-based workflows with fast, direct cell-counting technology to support microbial process control and research.

BactoBox®



01

Bacteria Enumeration Systems

- » **BactoBox®** – Benchtop impedance flow cytometry instrument that delivers direct bacterial cell counts in minutes, eliminating lengthy plate counts and optical density proxies for more confident growth curves and process decisions.

02

Analysis & Software Tools

- » **SBT Access** – Continuously updated analysis software that replaces manual spreadsheet workflows and automates curve plotting, key metrics calculation, and data interpretation for bacterial growth monitoring.

03

Applications

- » Microbiology
- » Bioprocess & Fermentation Monitoring
- » Biopharma Development
- » Food & Beverage Safety Testing
- » Environmental Microbial Analysis
- » Water Quality Assessment
- » Industrial Microbial Control



Evonik is a Canada-based global specialty chemicals and life-science company, with strong expertise in drug delivery and pharmaceutical formulation technologies. Evonik's LIPEX® platform is widely used in liposomal and nanoparticle drug delivery research, from early-stage R&D to cGMP manufacturing.



Liposome Extruders

01

LIPEX® Flow Thermobarrel Extruder

Industry-leading bench-top extrusion system designed for producing homogeneous large unilamellar vesicles (LUVs) from multi-lamellar vesicles using controlled pressure extrusion.

Core Capabilities

- » High throughput extrusion
- » Lower extrusion pressure requirement
- » High effective filtration area (EFA)
- » Wide operating range
- » Fast processing time
- » Reduced process risk
- » Consistent vesicle size distribution

03

Package Contents

- » LIPEX® Flow Thermobarrel Extruder
- » Polyester drain discs (100 / pack)
- » Polycarbonate filters, 100 nm (100 / pack)
- » Spare O-ring set
- » High-pressure nitrogen line
- » USB package with documentation

04

Applications

- » Liposomal Drug Delivery
- » Parenteral Formulations
- » Nanomedicine
- » Vaccine Development
- » Pharmaceutical R&D
- » cGMP Manufacturing
- » Academia & Translational Research

02

Technical Specifications (Overview)

Parameter	10 mL	100 mL	1000 mL
Maximum Operating Pressure (MAOP)	2450 psi / 170 bar	2450 psi / 170 bar	2450 psi / 170 bar
Maximum Operating Temperature (MAOT)	80 °C	80 °C	80 °C
Minimum Extrusion Volume	1 mL	20 mL	100 mL
Maximum Extrusion Volume	10 mL	100 mL	1000 mL
Weight	3 kg	7 kg	25 kg
Wetted Material	316L Stainless Steel	316L Stainless Steel	316L Stainless Steel
O-Ring Material	EPDM	EPDM	EPDM

GEA is a Italy-based global technology leader, headquartered in Düsseldorf, specialising in process engineering and advanced mechanical equipment. The company delivers high-pressure homogenization solutions for laboratory, pilot, and industrial manufacturing environments where precision, reliability, and scalability are critical.



PandaSMART homogenizer

01

Industrial Homogenizers

- » High-pressure homogenizers for continuous, large-scale production
- » Designed for consistent particle size reduction and emulsion stability
- » Built for demanding, round-the-clock industrial operation

04

Skid-Mounted Homogenizers

- » Pre-engineered skid-mounted homogenization systems
- » Integrated pumps, controls, and safety components
- » Suitable for pilot plants, modular installations, and fast deployment

02

Laboratory Homogenizers

- » Bench-scale and pilot homogenizers for R&D and formulation development
- » Enables realistic scale-up from lab to production
- » Used for process optimisation and proof-of-concept studies

05

Applications

- » Pharmaceutical Formulations
- » Biologics & Vaccines
- » Food & Beverage
- » Dairy & Plant-Based Products
- » Emulsions & Suspensions
- » Nanoemulsions
- » Chemical Processing
- » Process Development & Scale-Up

03

Combinatorial & Parallel Experimentation

- » Platforms for running multiple reactions concurrently
- » Scalable configurations for up to dozens of samples in parallel
- » Ideal for library synthesis and discovery workflows



Hitachi High-Tech is a global technology company that develops advanced analytical systems, including a comprehensive range of thermal analysis instruments used for material characterization, research & development, and quality control across industries.



NEXTA® DSC Series

01

Differential Scanning Calorimeters (DSC)

- » NEXTA® DSC Series – High-sensitivity differential scanning calorimeters for measuring heat flow, transitions such as melting, crystallization, and glass transition with exceptional baseline stability.

05

Thermal Analysis Software & Options

- » Real View® sample observation units for visual monitoring during measurements
- » Optional software for data input, output, and advanced analysis
- » UV irradiation units and other enhancements to extend measurement capabilities

02

Simultaneous Thermogravimetric Analyzers (STA)

- » NEXTA® STA Series – Systems that combine thermogravimetry and DSC to measure mass change and heat flow simultaneously, with enhanced balance control technology.

06

Applications

- » Materials Characterisation
- » Polymer & Composite Analysis
- » Thermal Stability Studies
- » Phase Transitions
- » Specific Heat & Glass Transition
- » Thermal Expansion & Viscoelasticity
- » Research & Quality Control
- » Academic & Industrial Labs

03

Thermomechanical Analyzers (TMA)

- » TMA7000 Series – High-sensitivity thermomechanical analyzers for measuring dimensional changes (expansion, contraction) under controlled temperature and force conditions.

04

Dynamic Mechanical Analyzers (DMA)

- » NEXTA DMA 200 for viscoelastic and dynamic mechanical property analysis across a range of temperatures.

NEXTA® STA Series



PRO Scientific is a US-based manufacturer headquartered in Oxford, Connecticut, specialising in precision high-shear homogenizers and complementary laboratory equipment for sample preparation and processing in research, industrial, and life-science laboratories.

Digital Homogenizer



01

High-Shear Homogenizers

- » Hand-Held Homogenizers – Compact, versatile units for small to medium volumes
- » Digital Homogenizers – Digital speed control for reproducible processing conditions
- » Benchtop Homogenizers – High-torque units for larger samples and robust workflows
- » Automated Homogenizers – Multi-sample systems for high throughput and consistency
- » Precision rotor-stator probes for micron and sub-micron homogenization across sample types (.03 mL to 40+ L)

03

Lab Plus Series – Mixing, Shaking & Stirring

- » Rockers and orbital shakers
- » Vortex and nutating mixers
- » Hotplate stirrers and additional complementary lab tools

04

Centrifuges & Essentials

- » Distribution and support for German-manufactured Hettich centrifuges (micro, clinical, universal, floor-standing)
- » General lab consumables and equipment to support workflows

05

02

Homogenizer Kits & Accessories

- » Application-focused package kits optimized for tissue, plant, soil, food, cosmetic, and biological samples
- » Safety sealed systems for pathogen and sensitive material processing
- » Multi-Gen 7XL multi-sample stainless-steel probe solutions

Applications

- » Sample Preparation
- » Tissue & Cell Disruption
- » Emulsion & Suspension Formation
- » Pharmaceutical & Biotech R&D
- » Food & Agricultural Labs
- » Industrial Lab Processing

Thermo Fisher Scientific offers a comprehensive range of rheometers and viscometers under its Thermo Scientific HAAKE brand for measuring the flow and deformation behaviour of fluids and soft materials. These instruments support both routine quality control and advanced research applications across academic, industrial, and formulation labs.

Rheometer



01

Rheometers

- » HAAKE Viscotester iQ Rheometer – Compact rheometer platform with modular accessories for QC and R&D.
- » HAAKE MARS iQ Rheometer – Intuitive touchscreen rheometer with extended measuring capabilities.
- » HAAKE MARS 40/60 Rheometer – Advanced research-grade rheometer with broad accessory support and hyphenation options (e.g., spectroscopy integration).
- » Process Control Rheometers – Online rheometers for in-line viscosity and melt measurements in process environments.

03

Accessories & Software

- » Measuring geometries (cone/plate, parallel plate, cylinders) and temperature modules for tailored rheological tests.
- » HAAKE RheoWin™ Software for instrument control, data acquisition, and evaluation routines.
- » Pressure cells, tribology tools, and hyphenation modules for advanced characterization.

04

Applications

- » Materials Science
- » Polymer & Composite Rheology
- » Food & Cosmetics Formulation
- » Battery & Energy Materials
- » Coatings & Paints
- » Petrochemicals
- » Texture & Quality Control
- » Research & Development
- » Industrial Lab Testing

02

Viscometers

- » HAAKE Viscotester 3 Rotational Viscometer – Rotational viscometer for fast, comparative viscosity tests.
- » HAAKE Falling Ball Viscometer – Simple and precise kinematic viscosity measurement of transparent fluids and gases.
- » Portable spindle viscometers and handheld options for field or lab use.



Chemspeed Technologies is a Swiss developer and manufacturer of advanced laboratory automation platforms designed to accelerate research and development across chemistry, materials, formulation science, and process optimisation workflows. Their systems enable high-throughput experimentation, reproducibility, and reliable data generation across multiple industries.

CRYSTAL Powderdose



01

Automated Synthesis & Reaction Platforms

- » Modular automated reactors for parallel and sequential synthesis
- » Solutions supporting temperature, pressure, gas dosing, and catalyst handling
- » Enables complex reaction workflows with minimal manual intervention

02

Sample Preparation & Dispensing Systems

- » High-precision liquid and solid dosing modules
- » Automated sample transfer and reagent handling
- » Digital control for accurate formulation and assay setup

03

Combinatorial & Parallel Experimentation

- » Platforms for running multiple reactions concurrently
- » Scalable configurations for up to dozens of samples in parallel
- » Ideal for library synthesis and discovery workflows

04

Workflow Integration & Robotics

- » Integrated robotic arms and plate handlers
- » Interfacing with analytical instruments and data systems
- » Customisable automation sequences for end-to-end lab workflows

05

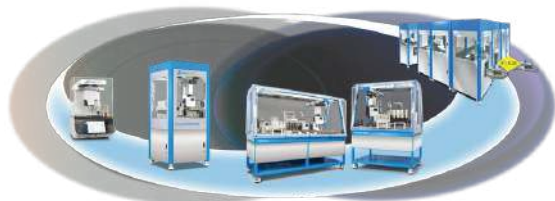
Software & Data Control

- » Centralised automation control software
- » Experiment design, scheduling, and data capture
- » Connectivity for data export, analysis, and LIMS integration

06

Applications

- » Chemical Synthesis
- » Materials Discovery
- » Catalysis Optimization
- » Formulation Development
- » High-Throughput Screening
- » Process Development
- » Combinatorial Chemistry
- » Academic & Industrial Research



**Configurable
solutions for
every lab**

BEING Scientific is a global manufacturer of general and life-science laboratory equipment, offering a comprehensive range of instruments designed for routine laboratory work, research environments, and industrial applications. The portfolio covers temperature control, containment, sample preparation, storage, and measurement workflows.

Drying Oven



01

Incubation & Environmental Control

- » Heating incubators
- » Cooling incubators
- » CO₂ incubators
- » Microbiological incubators

02

Heating & Thermal Equipment

- » Laboratory ovens (forced and natural convection)
- » Vacuum ovens
- » Drying ovens
- » Muffle furnaces

03

Containment & Clean Air Systems

- » Biosafety cabinets
- » Laminar air flow cabinets

04

Cold Storage & Refrigeration

- » Ultra-low temperature deep freezers (-86 °C)
- » Deep freezers (-25 °C / -40 °C)
- » Laboratory refrigerators (2-8 °C)

05

Mixing, Shaking & Stirring

- » Orbital shakers
- » Incubated shakers (Refrigerated/Non-Refrigerated)

06

Water Baths & Temperature Control

- » General purpose water baths
- » Shaking water baths
- » Heating and cooling circulators
- » Recirculating chillers

07

Solvent Processing & Separation

- » Rotary evaporators (bench-top)
- » Rotary evaporators (industrial)

08

Vacuum & Fluid Handling

- » Diaphragm vacuum pumps
- » Oil vacuum pumps

09

Applications

- » Routine Laboratory Operations
- » Cell Culture & Microbiology
- » Sample Storage & Stability
- » Pharmaceutical & Chemical Labs
- » Academic Research
- » Quality Control
- » Industrial Laboratories

Waters Corporation is a leading global analytical instrumentation company, headquartered in the United States, known for industry-defining chromatography systems, mass spectrometry, and separation science solutions used in pharmaceutical, environmental, food, and industrial laboratories worldwide.



HPLC

01

High-Performance Liquid Chromatography (HPLC) Systems

- » ACQUITY UPLC® Systems – Ultra-performance liquid chromatography platforms for high resolution and speed.
- » Alliance® HPLC Systems – Robust and reliable analytical HPLC for routine analysis and method development.
- » e2695 / e2695 Series – Modular HPLC with flexible configurations for varied lab needs.

05

Autosamplers & Sample Management Modules

- » High-throughput, precise sample injection systems.
- » Temperature-controlled sample handling and integration with chromatographic workflows.

06

Detectors & Detection Technologies

- » UV/Vis, PDA, fluorescence, and charged aerosol detectors.
- » Mass spectrometry interfaces and hyphenation modules for detection versatility.

07

Software & Data Systems

- » Empower® Chromatography Data Software – Full-featured platform for acquisition, processing, reporting, and compliance.
- » Connectivity with LIMS and enterprise data systems for controlled laboratory workflows.

08

Applications

- » Pharmaceutical Analysis
- » Bioanalysis
- » Environmental Testing
- » Food & Beverage Quality Control
- » Clinical Diagnostics
- » Petrochemicals
- » Forensics
- » Materials Characterization

02

UHPLC & UPLC Systems

- » UPLC® I Class / H Class – Enhanced chromatographic resolution and throughput for demanding separations.
- » High-pressure systems designed for increased sensitivity, resolution, and reproducibility.

03

Preparative Chromatography Systems

- » Preparative LC and semi-prep systems for isolation, purification, and scale-up workflows.
- » Fraction collection and process-scale options for compound purification.

04

2D-LC & Specialized Separation Platforms

- » Comprehensive 2-dimensional LC solutions for complex mixture separation.
- » Flexible configurations supporting orthogonal separations and multidimensional workflows.

Sartorius is a Germany-based global provider of pharmaceutical and laboratory equipment, including advanced lab water purification systems used in analytical, life-science, and quality control laboratories.



Arium® Mini Plus

01

Laboratory Water Purification Systems

- » Ultrapure water purification systems for ASTM/ISO Type 1 water
- » Pure and reagent-grade water systems for general laboratory use
- » Modular configurations to meet specific workflow and purity requirements
- » Integrated dispensing units and flexible installation options (bench, wall, under-bench)

03

Consumables & Filtration Modules

- » Final filters and ultrafilters for endotoxin/ RNase/DNase removal
- » UV purification and TOC monitoring modules for sensitive applications

04

Applications

- » Analytical Chemistry
- » Sample Preparation
- » Cell Culture Media Preparation
- » HPLC & LC-MS Mobile Phase Water
- » PCR & Molecular Biology
- » Electrophoresis
- » Environmental Testing
- » Quality Control
- » Life Science Research

02

Water Storage & Distribution Solutions

- » Closed bag-style storage tanks to protect water quality without frequent maintenance
- » Multiple point-of-use dispensing stations for flexible lab access



Comfort II with smart station

BUCHI

Büchi is a Switzerland-based global manufacturer of laboratory instruments, widely recognised for its expertise in freeze drying and digestion solutions supporting analytical, pharmaceutical, chemical, food, and environmental laboratories.

Kjel Line

**01**

Freeze Dryers (Lyophilizers)

- » Laboratory freeze-drying systems for gentle removal of solvents and water
- » Designed for heat-sensitive samples and reproducible lyophilization workflows

02

Sample Digestion & Preparation (Kjeldahl)

- » Digestion systems for nitrogen and protein determination
- » Complete Kjeldahl workflows supporting digestion, distillation, and analysis
- » Designed for accurate, compliant, and repeatable sample preparation

03

Applications

- » Pharmaceutical Analysis
- » Chemical & Analytical Laboratories
- » Food & Beverage Testing
- » Environmental Analysis
- » Academic Research
- » Quality Control
- » Sample Preparation Workflows

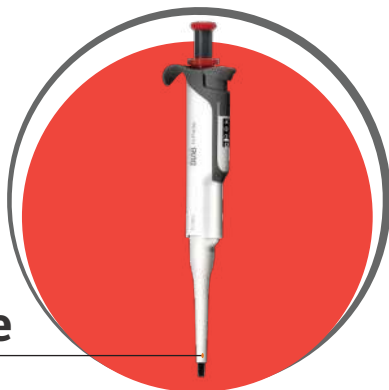


Lyovapor™ L-210



DLAB Scientific is a global laboratory instrument manufacturer headquartered in China, focused on delivering reliable, affordable, and easy-to-use laboratory equipment for routine research, education, quality control, and industrial laboratories. DLAB offers one of the widest portfolios of general laboratory instruments, supporting day-to-day workflows across chemistry, biology, and molecular sciences.

HiPette



01

Liquid Handling

- » Electronic pipettes
- » Mechanical pipettes
- » Pipette fillers and controllers
- » Pipette pumps and pipette accessories

02

Thermal Control & Temperature Instruments

- » Dry baths and heating blocks
- » Laboratory incubators
- » Thermal mixers and thermo-mix systems
- » Heating and cooling temperature controllers

03

Stirring & Heating

- » Magnetic stirrers
- » Hotplate stirrers
- » Overhead stirrers
- » Digital stirrers

04

Distillation & Evaporation

- » Rotary evaporators
- » Vacuum controllers
- » Rotary evaporator accessories

05

Centrifuges

- » Microcentrifuges
- » Clinical centrifuges
- » Low-speed centrifuges
- » High-speed centrifuges

06

Shakers & Mixing Systems

- » Orbital shakers
- » Linear shakers
- » Tube rotators
- » Rockers
- » Vortex mixers

07

Spectrophotometry & Optical Instruments

- » UV-Visible spectrophotometers

08

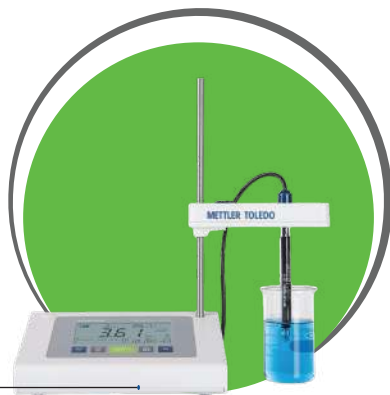
Applications

- » General Laboratory Workflows
- » Sample Preparation
- » Molecular Biology
- » Analytical Testing
- » Chemical Research
- » Biological Research
- » Clinical Diagnostics
- » Educational Laboratories
- » Industrial Quality Control



Mettler Toledo is a Switzerland-based global manufacturer of precision instruments, specialising in analytical chemistry, weighing, and laboratory measurement solutions for research, quality control, and regulated laboratory environments across pharmaceutical, chemical, food, environmental, and academic sectors.

pH Meter



01

Weighing & Mass Measurement

- » Analytical balances
- » Precision balances
- » Micro and ultra-micro balances
- » Laboratory weighing systems and accessories

05

Thermal & Chemical Analysis

- » Melting point systems
- » Density meters
- » Refractometers

02

Moisture Analysis

- » Halogen moisture analyzers for rapid and repeatable moisture determination

06

General Analytical Instruments & Software

- » Integrated analytical systems for routine and advanced chemical testing
- » Laboratory data management and compliance-ready software platforms

03

Titration & Electrochemical Analysis

- » Automatic titrators
- » Karl Fischer titrators (volumetric and coulometric)
- » pH meters
- » Conductivity meters
- » Ion selective meters

07

Applications

- » Analytical Chemistry
- » Quality Control
- » Pharmaceutical & API Testing
- » Food & Beverage Analysis
- » Environmental Monitoring
- » Chemical R&D
- » Academic & Industrial Laboratories

04

Spectral & Optical Analysis

- » UV-Visible spectrophotometers
- » Colorimeters



Inkarp Ultrasonic Cleaning Solutions are Inkarp-designed laboratory instruments developed for efficient, uniform, and damage-free cleaning of laboratory ware, components, and precision parts. These systems are built for routine laboratory environments where consistency, reliability, and ease of use are essential.



Ultrasonic Bath

01

Ultrasonic Bath for Cleaners

- » Ultrasonic cleaning systems for effective removal of contaminants
- » High-frequency cavitation for thorough, non-destructive cleaning
- » Suitable for delicate, complex, and precision laboratory items

02

Ultrasonic Bath for Degassing & Dispersion

- » **Media Degassing** - Removes dissolved gases for stable, accurate results.
- » **Uniform Dispersion** - Ensures even mixing for consistent performance.

03

Applications

- » Laboratory Glassware Cleaning
- » Sample Preparation Support
- » Instrument & Component Cleaning
- » Pharmaceutical & Chemical Laboratories
- » Academic Research
- » Quality Control Labs
- » General Laboratory Operations



ARE YOU CLEANING... or JUST WETTING?

inkarp®
Your Knowledge... Our Solution...!

Same process. Different results.
Residue stays. Degassing fails.

You don't see it.
But it affects everything.



**CHANGE THE BATH.
NOT YOUR METHOD.**

INKARP ULTRASONIC BATH



Consistent
Cleaning



Reliable
Performance



100+ units
running

Before



Media contains dissolved gases
and visible bubbles

After



Media is degassed with
no visible bubbles

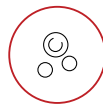
WHAT IMPROVES



Better
Cleaning



Repeatable
Results



Stable
Degassing

WHERE IT FITS



Sample Prep



Pharma



Research



Quality Check



Scan here

SCIENCE. IDEAS. APPLICATIONS.

Research grows when ideas circulate.

CATALYSTCue is our effort to share the kind of knowledge that helps real labs move faster — practical insights, application notes, methods, and conversations that come directly from scientists and real-world work.

This is not a magazine. It is a focused knowledge series meant to give you usable information without unnecessary noise.

CATALYSTCue

WHAT YOU WILL FIND INSIDE CATALYSTCue

- » Application notes across different industries
- » Method ideas and workflow improvements
- » Interviews with scientists and leaders
- » Case studies from labs across India
- » Technology updates that matter
- » Event coverage and hands-on insights
- » Spotlights on brands shaping research
- » Stories behind instruments, workflows, and innovations

Each issue is designed to be crisp, relevant, and genuinely helpful.



Scan to read the latest issue or explore past editions.

Prefer a physical copy? Register to receive it bi-monthly.

WOULD YOU LIKE TO BE FEATURED?

If you are working on something meaningful — a unique workflow, a new method, an interesting process improvement, or simply a story from your lab — we welcome you to be part of CATALYSTCue.

You are always invited to:

- » Share your experience
- » Contribute a short write-up
- » Give us an interview
- » Showcase your research team

Many scientists across India have already been featured.

Your work deserves a place too.

NEED A NEW INSTRUMENT OR **UPGRADE?**

If you are planning to buy an instrument, upgrade a workflow, or explore a new technique, you can directly share your requirement.



Scan this to open an email to sales@inkarp.co.in

or

CONTACT US DIRECTLY



sales@inkarp.co.in



+91 99666 34008

You may also include:

- Instrument you are looking for
- Application or purpose
- Expected timeline or budget window
- Industry / Lab type
- Contact person

Giving these details helps the team respond faster with the right options.

STAY CONNECTED WITH US

Science moves fast.

We share updates, application stories, product insights, and real lab experiences that may help you in your work.

If you ever want quick access to new ideas or want to stay informed, you can find us here.

inkarp.co.in

Scan to visit!



Follow Us!

 LinkedIn

Instagram 

Stay Inspired!



Join the Conversation!

 Facebook

Twitter 

Stay Informed!



Branches and Offices

Inkarp is committed to serving the scientific community across India through our main office and regional branches, ensuring close and timely support to all our customers.



HEAD OFFICE

Plot No - 5A/10-11 3rd Floor, IDA Nacharam Road No. 1, Chilka Nagar Main Rd, Nacharam, Hyderabad, Telangana 500076

✉ info@inkarp.co.in | ☎ +91 40 2717 2293 / +91 40 2717 2414

REGIONAL OFFICES

• Delhi Office

North India

4FCS-52 TO 55, Corporate Suites, Ansal Plaza, Sector-1, Vaishali, Ghaziabad – 201010. Uttar Pradesh.

Sales ☎ 70421 94732 (or) 70420 66011
✉ salesdelhi@inkarp.co.in

Service ☎ 70421 94720
✉ servicedelhi@inkarp.co.in

• Chandigarh Office

House No. 8, 1st Floor, Phase XI, SAS Nagar, Mohali – 160062. Chandigarh.

Sales ☎ 70421 91973
✉ saleschd@inkarp.co.in

Service ☎ 70421 94720
✉ servicedelhi@inkarp.co.in

• Mumbai Office

West India

310-311, B-Wing, Dhamji Shamji Corporate Square Building, Laxmi Nagar East, Ghatkopar Mumbai – 400075 Maharashtra

Sales ☎ 78159 01818
✉ salesmumbai@inkarp.co.in

Service ☎ 92810 14851
✉ supportmumbai@inkarp.co.in

• Pune Office

Office No 511, Floor No: 5th West Avenue, Opposite Pmdra Building, Near Bremen Chowk, Aundh Pune – 411 007 Maharashtra

Sales ☎ 77804 12649
✉ salespune@inkarp.co.in

Service ☎ 92810 14852
✉ servicepune@inkarp.co.in

• Ahmedabad Office

408 4th Floor Kataria Arcade Near Adani Vidya Mandir Makarba Ahmedabad – 380 051. Gujarat

Sales ☎ 77804 11299
✉ salesahm@inkarp.co.in

Service ☎ 92810 14848
✉ servicegujarat@inkarp.co.in

• Vadodara Office

F-31 Yogeshwar Apartments - 1 Opp. Reliance Petrol Pump, Above Ajanta Faras Khana, High Tention Road, Subhanpura Vadodara - 390023 Gujarat

Sales  77804 11299
 salesbaroda@inkarp.co.in

Service  92810 14848
 servicegujarat@inkarp.co.in

• Kolkata Office

East India

P-40a,gariahat Road (South) (1st Floor) Near Dhakuria Bridge Cit Scheme-Ixxii, Kolkata 700031 West Bengal

Sales  87126 00762
 saleskolkata@inkarp.co.in

Service  87126 00760
 servicekolkata@inkarp.co.in

• Chennai Office

South India

6a & 6b Jhaver Plaza, 1 A Nungambakkam High Road Chennai - 600 034 Tamil Nadu

Sales  73388 25318
 saleschennai@inkarp.co.in

Service  73388 25314
 servicechennai@inkarp.co.in

• Bengaluru Office

Bda Site No: D-71, 1st Floor, Above Axis Bank, Nandini Dollar Schemes, Nandini Layout, Bangalore 560096. Karnataka

Sales  73381 86776
 salesbglr@inkarp.co.in

Service  73381 86774
 servicebglr@inkarp.co.in

• Hyderabad Office

Plot No - 5a/10-11, 3rd Floor, Ida Nacharam Road No. 1, Nacharam - Chilka Nagar Road, Hyderabad - 500076 Telangana

Sales  98491 10989
 saleshyd@inkarp.co.in

Service  73311 43282
 servicehyd@inkarp.co.in

• Visakhapatnam Office

Flat No 501, 4th Floor Beside Ayyappa Temple Ayyappa Nilayam, Sheela Nagar Visakhapatnam 530012 Andhra Pradesh

Sales  73311 46991
 salesvizag@inkarp.co.in

Service  81212 93939
 servicevizag@inkarp.co.in

• Thiruvananthapuram Office

T.c.46/2025, Snra .110 Sastha Nagar Karamana, Thiruvananthapuram -695002 Kerala

Sales  73381 86776
 saleskerala@inkarp.co.in

Service  7338 825314
 servicekerala@inkarp.co.in



We support research, **analysis**, and **scale-up** with world-class laboratory solutions across India.



Head Office

Plot No - 5A/10-11, IDA Nacharam Road No. 1, Chilka
Nagar Main Rd, Nacharam, Hyderabad, Telangana 500076



info@inkarp.co.in



+91 99666 34008



inkarp.co.in



Scan for more info

Your Knowledge ...Our Solution...!