AGARWAL BROTHERS



DRIVING DISCOVERY EVERYDAY

Reliable Laboratory Solution Delivered With Trust, Committment & Integrity

GeM Government e Marketplace

EQUIPMENTS PORTFOLIO

more info
www.agarwalbrothers.com

call us
+91 - 6378185962



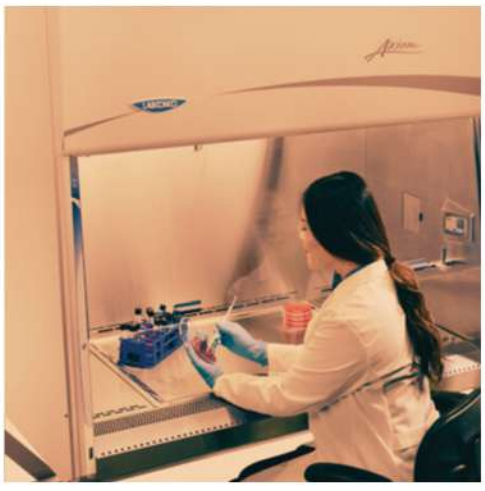
As your trusted laboratory partner for consumables, equipment, and high-end analytical solutions, here's what we bring to the table.

Responsive Service & Customer Support

Comprehensive Portfolio With Trusted Brands

Reliable Delivery Timelines

30+ Years of Credibility



About Us

For over three decades, Agarwal Brothers has been a trusted cornerstone in fulfilling the diverse laboratory requirements of industrial, academic, research, healthcare, and institutional clients.

As a leading distributor of laboratory consumables, advanced equipment, and capital instruments, we believe that **trust begins with understanding**. Our strength lies in identifying the right solution for each application, ensuring that our customers receive products that truly meet their technical, operational, and regulatory needs.

We see our clients as long-term partners. By combining technical understanding with reliable execution and responsive support, we strive to build relationships that stand the test of time.

Partnerships

We proudly deal in renowned brands such as Thermo Fisher Scientific, Sartorius, BRAND GmbH, Borosil, Horiba, LabIndia, and several other trusted names, offering solutions across:

Consumables

|Chemicals | Glassware | Plasticware | Filtration | Microbiology & Cell Culture | Liquid Handling
|Safety & PPE | Food & Environmental Testing Kits | General Lab Consumables

Equipments

|Sample Preparation |Heating & Cooling |Weighing & Measurement |Separation & Centrifugation
|R&D Synthesthis |Laboratory Support |Filtration & Water Purification |Electrochemical Analysis
|Chromatography & Spectroscopy |Thermal Analysis & Material Characterization
|Optical & Imaging| Microbiology & Life Science |Elemental & Combustion Analysis |Physical & Electrical

Sartorius is a leading global provider of laboratory instruments, consumables and bioprocess technologies, headquartered in Göttingen, Germany with a history dating back to 1870. The company is recognised worldwide for its innovative solutions that support life science research, quality control and biopharmaceutical manufacturing—helping scientists translate discoveries into effective therapies and medicines.

Products

Lab Balances



- **Ultra-Micro and Micro Lab Balance**
  - Readability: 0.0001 mg to 0.001 mg Maximum
  - Capacity: 2.1 g to 10.1 g
- **High-Capacity Micro Lab Balances**
  - Readability: 0.001 mg to 0.002 mg
  - Maximum Capacity: 21 g to 111 g
- **Semi-Micro Lab Balances**
- **Analytical Lab Balances**
- **Precision Lab Balances**
- **High-Capacity Lab Balances**

Mass Comparators



Pipette Calibration Systems



Discover Sartorius

Moisture Analyzers



OEM Weigh Cells



Paint Mixing Solutions



Lab Water Purification Systems



Compact, Innovative Water Purification Systems

Application tailored Arium® laboratory water purification systems for production of pure and/or ultrapure water.

Microbiological Testing | Sterility Testing, Rapid Mycoplasma Detection, Microbial Enumeration & Microbial Air Monitoring







Sterisart® Sterility Testing Pump designed for convenient use in barrier technology, featuring paperless documentation

Microsart® Kits for Rapid Sterility Testing & Sterisart® Canisters



Absolute Confidence in Microbial Air Sampling

MD8 Airscan® Air Sampler Detects and quantify airborne microbial contamination, preventing product contamination and ensuring compliance with international standards, such as the EU-GMP Annex 1, ISO 14698, EN 17141, FDA Aseptic Guidance and the USP <1116>

Cell Culture Solutions | Bioreactors & Fermenters, Cell Culture Reagents, Supplements & Matrices, Nucleic Acid & Delivery Solutions, Cell Culture Media, Cell Lines & Buffers



Bioreactors & Fermenters

Complete Scalable Bioreactor Platform From Cell And Strain Line Development to Commercial Manufacturing

- Ambr® | Multi-Parallel Bioreactors
- Benchtop Bioreactors
- Single-Use Bioreactors
- Cell Culture Bioreactors
- Microbial Bioreactors

Products **Analytical Solutions**



Octet® Biolayer Interferometry (BLI) Systems



Octet® Surface Plasma Resonance Systems



iQue® High-Throughput Screening by Cytometry Systems



CellCelector® Cell Selection & Retrieval Systems

Fully automated cell imaging and picking system developed for the screening, selection and isolation of single cells, clusters, spheroids and organoids, as well as single cell clones and adherent colonies.



Incucyte® Live-Cell Imaging & Analysis Systems

Capture high-resolution fluorescence and bright-field images of 2D and 3D cell cultures in real time over hours, days, or weeks, directly from the incubator.

SARTORIUS

Authorized Partner

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IKA is a global market leader and a pioneer in the development of laboratory, analytical, and process technology. With over a century of German engineering heritage, IKA is synonymous with precision, innovation, and "functional design." Their products are essential across diverse sectors, including pharmaceuticals, food and beverage, chemicals, and cosmetics, supporting everything from initial R&D to large-scale production.

Products

Magnetic Stirrers



Overhead Stirrers



Incubator Shakers



Orbital Shakers



Microplate Shakers



Vortex Shakers



Tube Rotators



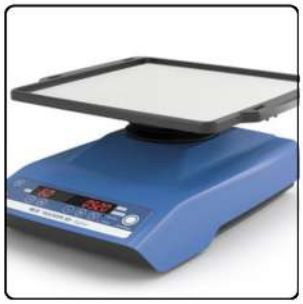
Overhead Shakers



Rollers



Rockers



Thermoshakers



Dispersers



Batch Mills



Tube Mills



Crushers

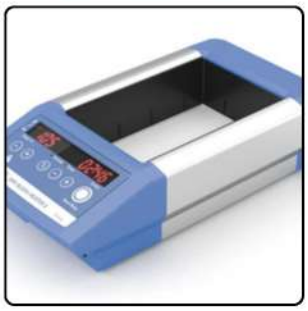


Universal Mills



IKA®

Dry Block Heaters



Heating Baths



Hot Plates



Refrigerated Circulators



Heating Circulators



Immersion Circulators



Hot Bath Circulators



Tempering Chambers



Viscometers



Rotary Evaporators



Centrifuges



Calorimeters



Synthesis Reactors



High Viscosity Reactors



Bioreactors



Vacuum Pumps





Cole-Parmer®

Cole-Parmer is a globally recognized laboratory equipment and fluid handling specialist, trusted by laboratories worldwide for reliable, application-driven solutions. Cole-Parmer offers an extensive range of laboratory and process equipment with a strong focus on fluid handling and measurement.

Products **Pumps | Tubings | Fittings & Valves**

40+ Years In Fluid Handling



Cole-Parmer provides a comprehensive offering of fluid handling solutions suitable for a wide range of applications.

Pumps | Peristaltic & Syringe Pumps

Watson-Marlow series peristaltic pumps & **Legato®** syringe pumps.





Tubing | Cole-Parmer®, Tygon®, Viton® & Excelon

PVC, platinum-cured silicone, and TPE tubing ensure optimal performance, chemical compatibility, and flow integrity for even the most demanding processes.





Fittings & Valves

Threaded to Hose Barb Fittings & Luer Fittings manufactured in an ISO Class 7 certified cleanroom to minimize contamination by pollutants.

- 100% virgin raw materials, plastic and specialty plastic, and metal

Check Valves meticulously designed to prevent back flow, safeguarding your equipment from potential damage and operational disruptions.

Products

Laboratory equipment for R&D, sample preparation and general laboratory use.

Research Stations





Reduce the time it takes to screen a large number of conditions using Cole Parmer research stations.

Integrity 10 Reaction Station

- 10 individual cells in one unit
- Individual control of temperature and stirring rate for each cell
- Automatic microprocessor control through a touchscreen

RS-250 Series Reaction Station

The RS-250 reaction station has 10 positions that can be programmed to run at the same temperature and stirring rate simultaneously.

Melting Point Apparatus

Comprehensive range of Digital Melting Point Apparatus from the entry-level MP-200 Series designed for educational safety to the fully automated, USP/GLP-compliant MP-800 Series for regulated pharmaceutical environments.

- Multi-sample testing
- Programmable ramp rates
- Maximum temperature of 400°C
- Programmable methods for repeated use



MP-800



MP-250/400



MP-200



Analog MP Aparatus





Cole-Parmer solutions that meet the highest global standards backed by a **3-year warranty** for ultimate peace of mind.

Heating Mantles| Block Heaters





Heating Mantles | Models SHM-200/250 Digital

- 50 mL to 2 L capacity, temperature up to 450°C, 100 to 2000 rpm, single & multi-position
- "Cool-to-touch" design
- Stir bar "auto-recapture" function
- Chemically resistant polypropylene outer casing





Block Heaters | Models BH-200/200D Digital/ 200DC Digital Dual Control/BH-250 Dry

- Analog/ Digital Control With Dual Control Models
- Choice of 130°C or 200°C maximum temperature
- Fully interchangeable aluminum blocks - 2 or 3 block models
- Independent temperature control
- Heated from below for accurate temperature management

Sample Preparation Equipment



Ultrasonic Processors

130| 500| 750 Watt Ultrasonic Processors

100% microprocessor controlled and programmable, ensuring adherence to the most exacting protocol.

Models 04711-30 and 04711-40 also feature **temperature controller** to prevent harmful sample overheating and **memory** to facilitate protocol duplication, automate repetitive tasks, and eliminate user-to-user method variability for consistent reproducibility.

Grinders & Mills | Cryogenic Grinders, Ball Mills, Ring & Puck Mills



Cryogenic Grinders | Models CG200/400/450/500 with 0.1 to 200 gm capacity

- **Continuous cooling** of samples with liquid nitrogen produces finer ground particles.
- **Intuitive color LCD touch screen panel** controls the grinding cycles, grinding time, impact rate as well as pre-cooling and cooling times.
- **Maintenance-free design** with magnetic grinding mechanism and no mechanical moving parts.
- **Optional Features:** Dual pre-cooling chambers with liquid nitrogen autofill.

CG-900 Cryo-BladeTM Cryogenic Grinder

- **High-throughput**—process up to 1 kg of sample per run
- **Efficient**—complete a method in 15 minutes or less
- **Versatile**—when liquid nitrogen is not available or desired, you can use dry ice instead
- **Safe**—automated dispensing of liquid nitrogen



Ball Mill | Models BM 200/400/600 (Planetary Ball Mill)

Compact (0.25-1g), Medium (0.5-25g) & Large (**50-225g, Planetary**) mills with capability to pulverize the toughest samples to **analytical fineness of < 50µm.**



BM 200 Compact Mill



BM 400/450 High Energy Mill



BM 600 Planetary Ball Mill

SM-300 ShatterBox® Ring and Puck Mill

The ShatterBox swings a dish-shaped grinding container, with a puck and (often) a ring inside, in a tight high-speed circle.

- Efficiently pulverize up to 150 grams of **brittle material** to analytical fineness (<50 um)



Why 'ring & puck' mill?

- **Lesser Grinding Times, 2-5 Minutes (100 um)**
- **Better Particle Size Distribution**

Homogenizers | Handheld & Benchtop

- **HG-400 MiniG® Homogenizer:** compact yet powerful, bead beating method, can handle sample vials from 2 mL to 50 mL or up to two deep-well microplates.
- **HG-250 GenoLyte® Temperature-Controlled Homogenizer:** uses a circulating chiller to maintain sample temperatures while effectively disrupting cellular materials by horizontally oscillating vials.
- **HG-600 Geno/Grinder® High-Throughput Homogenizer:** process samples within 60 seconds, unique vigorous vertical grinding motion allowing increased reproducibility, consistency & superior extraction.





Handheld Tissue Homogenizers

- **Sample Volumes:** 0.05 to 100 ml/ 0.2 to 5000 ml
- **Speed:** 5000 to 30000 RPM

Also available with **integrated digital display & on board memory.**

Hot Plates & Stirrers



Models

- Ultra Thin Magnetic Stirrer
- Series Modular Magnetic Stirrer
- Single & Multi-Position Hotplates

Features

- Stainless Steel/ Glass Ceramic/ Aluminum Coating
- Temperature upto 425 C; Optional Temperature Controller
- Max load 15L

Utility Baths



Water Baths

- +5 to 100 °C with ±0.2 °C stability; 2-28 L Cap.
- Built-in overtemperature protection
- Digital/TFT display



Ultrasonic Cleaners

High-Power Heated Digital Ultrasonic Cleaners available with dual-frequency cleaning baths for both tough and gentle applications

Shakers & Mixers



Roller Shakers



Tube Rotators



Orbital Shakers







Overhead Stirrers

Recirculators & Chillers



Cooling & Heating Circulators/ Benchtop Chillers/ Circulating Baths



Electronic Ice Buckets



Ultra-Low Temperature/ Deep Freezers

Ultra Low Freezers (-86 C), General Purpose Lab Freezers, **North Sciences / Traceable® Portable Ultra Low Freezers (-86 C)**

Features

- **TraceableLIVE® integration** for 24/7 cloud-based monitoring and alerts
- **TEC² Technology** with dual-core refrigeration systems provide 100% redundancy
- Touch screen with state-of-the-art user interface design
- Convenient USB port for data download and access port

Incubators & Ovens



General Purpose Ovens

- Gravity/ Mechanical Convection Drying Ovens
- Botanical/ Programmable Vacuum Ovens

Incubators

- Gravity/ Mechanical Convection Incubators
- Mini Incubators



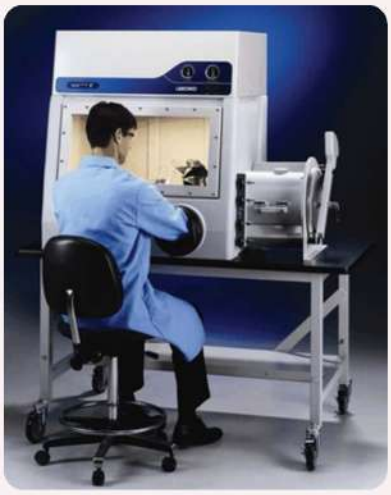


Cole-Parmer® RV-200 Series Rotary Evaporators



- PID temperature controller
- **Two digital displays;** one for rotation speed and timer and another for bath temperature and timer
- **Unique PTFE sealing system** offers excellent thermostability
- Stainless steel bath with PTFE coating
- Simple one-handed manual lift or automatic motorized lift

Labconco PRECISE Controlled Atmosphere Glove Box





North by Honeywell Hypalon Drybox Gloves

Hypalon® gloves offer outstanding abrasion protection and resistance to ozone or oxidizing chemicals. Natural softness improves worker comfort.

Hanna Instruments is a world-leading manufacturer of analytical instrumentation, dedicated to making scientific testing more accurate, affordable, and easy to perform. Hanna delivers exceptional quality across a vast range of industries, including water treatment, agriculture, food and beverage, and environmental monitoring.

Products

Electrochemistry | Portable & Benchtop Meters - pH/ORP/TDS/Salinity/EC/DO etc.

pH/ORP Tester



EC/TDS Tester



Salinity Tester



Temperature Tester



Multiparameter Testers



Application Specific



Portable Meters



Lux Meters



Benchtop Meters



The cornerstone of the brand, featuring professional pH, ORP, and Conductivity (EC/TDS) meters. This includes everything from the iconic "Checker" pocket testers to advanced, multiparameter research-grade benchtop meters.

Application Specific Testers/Meters available for food, beverages, water, agricultural & cosmetic applications.



Chemical Analysis | Potentiometric Titrators, Karl Fisher Titrators, Mini Titrators

Potentiometric Titrator



KF Titrator



Mini Titrator



Electrodes & Probes



Photometers & Colorimeters | Potentiometric Titrators, Karl Fisher Titrators, Mini Titrators

'Checker' Colorimeter



Benchtop Photometer



Portable Photometer



Spectrophotometer



Consumables | Chemical Testing Kits, Solutions, Reagents etc.

Testing Kits



Single & Multi-Parameter Testing Kits - Hardness, NPK, Chlorine, DO, Ozone etc.

Reagents



Photometer & Colorimeter Reagents

Solutions



Calibration Standards, Storage Solutions, Cleaning Solutions, ISE Solutions, Sample Prep Solutions, Titration Solutions

Other Brands

EUTECH INSTRUMENTS · ThermoOrion INSTRUMENTS · AQUASOL · HACH · LABINDIA EQUIPMENTS WHERE COMMITMENT IS CULTURE

LABINDIA EQUIPMENTS
WHERE COMMITMENT IS CULTURE

Founded in 1982, Labindia Instruments is a premier Indian manufacturer and distributor of high-end analytical and laboratory equipment. Originally established as a partner for global giants like PerkinElmer and Leica, they have evolved into a "Make in India" powerhouse with a heavy focus on the pharmaceutical and life sciences sectors.

Products

Analytical Equipment

Pharmaceutical Testing| Dissolution, Hardness, Friability, Disintegration & Leak Testers

Dissolution Testers

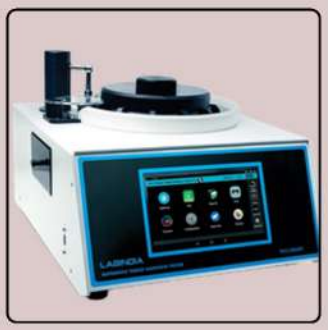




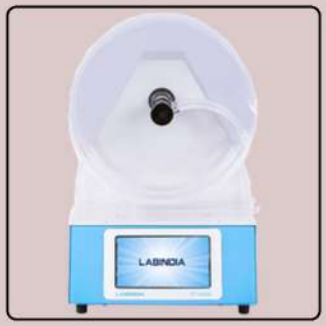
Disintegration Tester



Hardness Tester



Friability Testers



Leak Test Apparatus



Food Analysis| Fully Automated Protein, Fat & Fiber Analyzers

Automatic Kjeldahl Analyzers







20 place digestion system with graphite block for faster & uniform digestion.

Actual three stage scrubber system.

Fiber Analyzers



Soxhlet Analyzers



NMR Fat Analyzers



NMR technology based analyzers for rapid analysis.

LABINDIA EQUIPMENTS
WHERE COMMITMENT IS CULTURE

Chemical & Physical Analysis

Automatic Titrators



pH Meters



Conductivity Meters



Bomb Calorimeters



Visual Melting Point



Polarimeters



Refractometers



Tap Density Analyzers



Sample Preparation | Sieve Shakers, Grinding & Milling, Microwave Digestion etc.

Mortar Grinders



Jaw Crusher



Pulverizer (Disc) Mill



Knife Mill



High-Energy Ball Mills



Nano Ball Mills



Planetary Ball Mills



Vibratory Disc Mills



Cryo Grinding Mills



Cutting Mills



Pellet Press



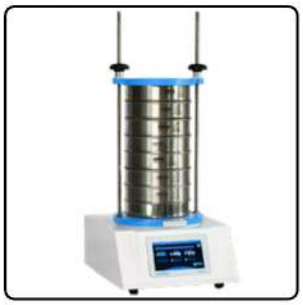
Hammer Mills



Air Jet Sieve Shakers



Vibratory Sieve Shakers



CEM Microwave Systems| Microwave Digestion, Drying, Extraction, Synthesis etc.

CEM Corporation is a leading provider of **innovative microwave laboratory systems** designed to speed up analytical testing, synthetic chemistry, and process control.

Their portfolio includes high-speed moisture/solids analyzers (SMART 6), fat analyzers (ORACLE), and digestion/extraction systems (MARS 6, EDGE) widely used in food, pharmaceutical, and chemical industries.

Microwave Digestion Systems



MARS 6™



Discover SP-D

The **MARS 6™** utilizes cutting-edge PowerMAX™ technology to deliver superior energy to each sample, ensuring more complete and efficient digestions.

Discover SP-D sequential digestion systems reduce solvent usage by up to 95%, while ensuring fast digestion times.

Microwave Synthesis Systems| Organic & inorganic synthesis included production scale automated peptide synthesizers Liberty PRO™



Discover® 2.0



Discover® SP



Liberty PRO™



Liberty Blue™



The **Razor Rapid Peptide Cleavage System™** offers a smarter, faster way to achieve peptide cleavage with precision-heated reactions that ensure higher peptide purity.

Microwave Dryers



SAM 255™

Microwave Extraction Systems



EDGE™

Microwave Muffle Furnace



Phoenix BLACK™

CEM Rapid Food Analysis Systems



Sprint® Protein Analyzer



SMART 6™ Microwave Fat / Moisture Analyzer



ORACLE™ Rapid NMR Fat Analyzer

Spectrometers| UV-Vis, AAS, ICP-MS, ICP-OES, ICP-AES, NMR, FTIR etc.

Labindia Analytical provides a multi-disciplinary spectroscopy portfolio that covers molecular, elemental, and structural analysis.



UV Visible Spectrometers

- UV 3000 & UV 3200 Series
- Dual Detectors: Utilizes Dual Silicon Photodiode for enhanced accuracy.
- Absorbance range: ±4 Abs
- Wide Range: Wavelength coverage from 190 to 1100 nm.
- **Variable Bandwidth:** Adjustable settings of 0.5, 1, 2, and 4 nm.
- Automatic Cell Changer: 8-cell capacity for efficient sample processing.
- Minimal Stray Light: Less than 0.02%T for precise measurements.



Atomic Absorption Spectrometer (AAS)

- **AA 8000 NEO Atomic Absorption Spectrometer** for precise trace element determination using graphite furnace atomization.
- **AA8000 Fully Automatic True Double Beam Atomic Absorption Spectrophotometer** for superior accuracy and stability.
- **AA 8000Z Fully Automated Zeeman Atomic Absorption Spectrometer** built for precise trace element determination using graphite furnace atomization.



Optical Emission Spectrometer (ICP OES)

- High-Resolution Spectroscopy: Large-area CCD sensor covering a spectral range of 165–900 nm
- Low Argon Consumption: Standby mode reduces gas usage by 50%.
- Superior Detection Limits: 1 sq. inch CCD sensor ensures precise trace element analysis.
- Advanced Gas Control: Computerized mass flow controllers for precise plasma, nebulizer, and auxiliary gas regulation.
- Supports aqueous, high-TDS, HF-resistant, and organic samples.



Mass Spectrometer (ICP MS)

- Ultra-low detection limits for trace elements.
- Superior Interference Elimination: Collision/reaction cell technology ensures precise results.
- 12-rotor high-precision peristaltic pump for reliable delivery.
- Analyzes elements with atomic masses from 2–260 amu.
- High Efficiency Injection System: Double taper ion interface for superior ion extraction and minimal matrix interference.
- TEC Refrigerated Injection System: Stable operation and minimum oxide formation.
- Optimized full MFC gas control system for precise handling.

40+ YEARS OF EXCELLENCE	**100+** WORLD KNOWN PRINCIPALS REPRESENTED IN INDIA	**5000+** GOVERNMENT ORDERS DELIVERED
10000+ HAPPY CUSTOMERS	**25000+** INSTALLATIONS DONE	**400+** TRUNKEY PROJECTS DELIVERED



Atomic Emission Spectrometer (AES)

LABSPECTRO PRO is a cutting-edge Full-Spectrum Metals Analyzer, designed for high-precision elemental analysis, including Nitrogen detection.

- Research-grade CMOS sensor.
- Classic dual-chamber Paschen-Runge optical system design.
- Full-spectrum detection for precise trace element analysis.
- Efficient gas usage and self-purification technology.
- Stable optical chamber with precise temperature control.
- Robust and Durable

Magritek| Benchtop NMR Systems

magritek

Magritek is a leading scientific instrument company specializing in benchtop Nuclear Magnetic Resonance (NMR) and Magnetic Resonance Imaging (MRI) solutions.



Spinsolve 80 ULTRA high-sensitivity NMR spectrometer ideal for biochemical processes such as fermentations and reaction monitoring.

Spinsolve 60 NMR Spectrometer offering fast, high-quality 1H and 19F NMR spectra directly at your laboratory bench.

Spinsolve Phosphorus & Spinsolve Carbon NMR Spectrometer for analyzing organic compounds, biological membranes, DNA, and more.

Thermofisher Scientific| Fourier Transform Infrared Spectrometer (FT-IR)

ThermoFisher SCIENTIFIC

Thermo Scientific offers one of the world's most expansive portfolios of analytical instrumentation, providing high-end solutions for everything from routine testing to Nobel-prize-level research.



Thermo Scientific™ Nicolet™ Summit X FTIR Spectrometer

Combining the cutting-edge LightDrive™ Optical Engine, intuitive software, and a rugged design, the Summit X ensures precise, reproducible results with minimal effort.

- 35,000:1 signal-to-noise ratio
- Sealed optics for humidity protection.
- Extended Warranty: 10 years on key components.
- LED LightBar for system and sample status.
- Meets GLP, GMP, and pharmacopeia standards.

Elemental Analyzers| Carbon Sulphur Analyzers, Benchtop & Handheld XRF



LABINDIA LCS3500 High-Frequency Infrared Carbon & Sulfur Analyzer

- Infrared Detection System for accurate measurement
- High Frequency Burning System for reliable combustion analysis
- Automatic Burner Cleaning for ease of maintenance
- Power Adjustable for versatile sample analysis
- Low Maintenance for continuous, hassle-free operation



Elvatech ProSpector Series Handheld X-Ray Fluorescence Spectrometer| ProSpector 2, ProSpector 3

- Fastest handheld XRF with over 500,000 cps throughput.
- Smallest and lightest XRF (1.05 kg, 236 x 193 x 68 mm).
- Dustproof and waterproof with IP-65 rating.
- Automatic two-position collimator for small spot analysis.
- Up to 16 hours battery life with hot-swap capability.
- Two CCD cameras for macro and micro views.



Elvatech Elva X Series Benchtop X-Ray Fluorescence Spectrometer| Elva X PLUS, Elva X PRO

- High Throughput – Over 500,000 cps analysis speed.
- 60 kV Tube – Analyzes rare earth and high-energy elements.
- 2000 µA Current – Enhances light element accuracy and detection.
- Motorized Collimator – Enables precise small-spot analysis.
- Helium Purge – Increases sensitivity for light elements significantly.
- Sample Changer – 16-position for improved lab productivity.

Elvatech| Advanced XRF Equipment & Solutions

Elvatech designs and manufactures advanced handheld and benchtop systems that deliver laboratory-level accuracy in the field and in the lab, helping you identify metals, alloys, scrap, jewelry, soil and other materials in seconds.

Glassware & Vessel Washers



Labindia Analytical offers a streamlined portfolio of washing solutions specifically engineered for high-throughput pharmaceutical and research laboratories.

Glassware Washers (Smart Wash Series)

- High-flow circulation pumps (up to 900L/min)
- Built-in water heater reaching 95°C
- Integrated HEPA-filtered forced hot air drying
- SS316L stainless steel chambers with 7" OLED touchscreen

Dissolution Vessel Washers (DVW Series)

Allows for cleaning without removing vessels from the tester, maintaining USP 711 centering and height validation.

Capable of cleaning 6 vessels in under 2 mins!

Laboratory Furnaces & Ovens| Chamber Furnace, Tube Furnace, Atmosphere Controlled Furnace, Heat Treatment Furnace, Ashing Furnace, Vacuum Furnace etc.

Labindia Analytical (under their **Labtherm** range) offers an extensive portfolio of high-precision furnaces designed for thermal processing in research and industrial laboratories.



- **PLF Series Chamber Furnaces**
- **MoS Series Chamber Furnaces**
- **ACF Series Atmosphere Controlled Furnaces**
- **ELV Series Elevating, Lift Bottom Furnaces**
- **HLF Series Heat Treatment Furnaces**
- **PTF Series Tube Furnaces**
- **PZF Series Multi-Zone Tube Furnaces**
- **STF Series Tube Furnaces**
- **PAF Series Ashing Furnace**
- **PVAC Series Vacuum Furnace**
- **CUPF Series Cupellation Furnace**
- **GRF Series Graphite Furnace**
- **PLO Series High Temp. Ovens**

Products **Life Science Equipment**

Labindia Instruments offers a comprehensive life science and biotechnology portfolio including equipments for genomics & molecular biology, cell biology & imaging and general lab & sample preparation.

Kubtec X-Ray Imagers/Irradiators



XPERT® 80-L X-Ray System



XCELL® 180 Benchtop X-Ray Irradiator System



XCELL® Free-Standing X-Ray Irradiator

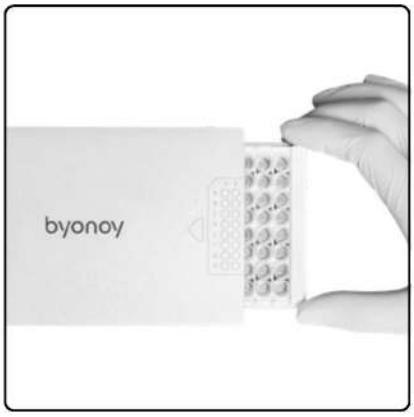
Cell & Colony Counters



CellDrop™ Automated Cell Counter



Interscience Scan4000 Automatic Colony Counter

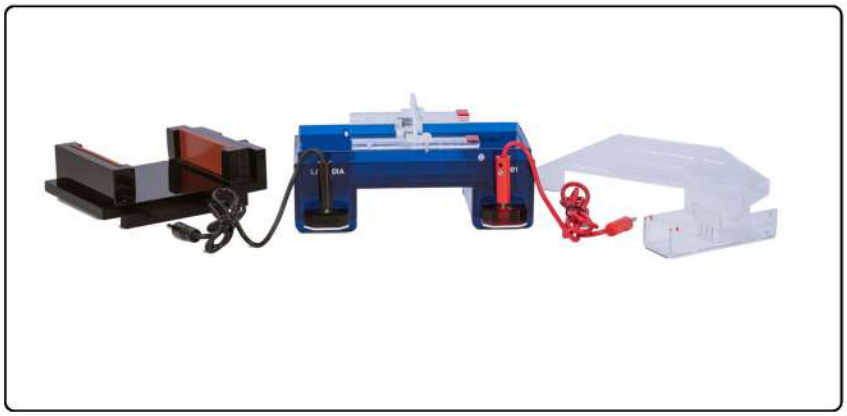


Absorbance 96 Portable Microplate Reader

DNA & Protein Analysis



Gel Imaging System



Gel Documentation Systems

Products **Laboratory Infrastructure**

Kewanuee Scientific | Fume Hoods, Laminar Airflow & Biosafety Cabinets

Kewaunee is a global leader in laboratory infrastructure, offering high-performance containment solutions through their Interceptor and Supreme Air series. Their portfolio is designed to meet stringent international safety standards like NSF/ANSI 49 and ASHRAE 110.



Fume Hoods (Supreme Air & Venturi Series)

- Tested to ASHRAE 110-2016 and EN-14175 for containment and efficiency
- Choice of Kemglass (FRP), KMER (Epoxy Resin), or SS316L for maximum chemical resistance
- Automatic self-closing sash (to 18") and an ultra-smooth belt-and-sprocket drive system
- Air Alert 600 advanced monitoring system with a digital readout and a one-hour performance timeline



Biosafety Cabinets (Interceptor Series)

- Certifications: NSF/ANSI 49, UL 61010-1, and EN 12469
- Dual HEPA/ULPA filters providing 99.99% efficiency at 0.3 microns
- Maintains a constant 100 FPM (0.5 m/s) inflow velocity
- Ultra-quiet operation at ≤ 62 dBA
- Zero-Leak airflow with double-wall construction
- Full-color touchscreen for real-time monitoring of filter life and airflow status



Laminar Airflow Cabinets (Interceptor Series)

- Maintain ISO 14644-1 Class 5 air quality
- Intuitive color touchscreen interface and a minihelic. gauge to monitor filter pressure and system performance in real-time.
- 10° angled safety glass sash and integrated armrests to ensure operator comfort and reduce glare.
- Includes a UV germicidal lamp with a safety timer to ensure the workspace is decontaminated without risking accidental exposure to the user.

HORIBA

HORIBA is a global leader in precision analytical and measurement systems, headquartered in Kyoto, Japan. Since its founding in 1945, the company has built a reputation for high-end analytical, optical and fluid control solutions, holding a dominant 80% global market share in automotive emission measurement systems.

Products

Elemental Analysis | X-Ray Analytical Microscopes, XRF Analyzers, ICP-OES, CHNSO Analyzers



XGT-9000 Micro XRF

X Ray Analytical Microscope

- High sensitivity & wide detectable element range
- Dual types of detectors for fluorescent X-rays and transmission X-rays
- ≥15 μm spot size with an ultra-high intensity capillary
- High-resolution cameras and multiple illumination modes
- Flexible & user-friendly software interface



MESA-50/50K

X Ray Fluorescence Analyzers

- **MESA-50/MESA-50K:** Benchtop ED-XRF analyzers for speedy elemental analysis of materials, with sophisticated LN2-free detector. **MESA-50** is a **portable model** with built-in battery.
- **SLFA-60/6000: X-ray Fluorescence Sulfur-in-Oil Analyzers**
- **MESA-7220V2: X-ray Fluorescence Sulfur/Chlorine-in-oil Analyzer,** measures both sulfur and chlorine in petroleum based products.



SLFA-60/6000



MESA-7220V2



Ultima Expert

Ultima Expert Sequential ICP Optical Emission Spectrophotometer (ICP-OES)

High resolution, high sensitivity and high stability ICP-OES driven by the powerful Analyst software featuring a large variety of analytical functionalities for tailored control and analysis.



EMGA Pro/Expert

Oxygen/Nitrogen/Hydrogen Analyzer

Horiba **EMGA Pro (Entry/Standard)** and **EMGA Expert (Flagship/ High Accuracy)** are high-precision elemental analyzers designed to measure Oxygen (O), Nitrogen (N), and Hydrogen (H)



EMIA Pro/Expert

Carbon/Sulfur Analyzer

The Horiba **EMIA Pro (Entry/Standard)** and **EMIA Expert (Flagship/ High Accuracy)** are high-performance elemental analyzers used to measure Carbon (C) and Sulfur (S) in inorganic materials such as steel, ceramics, and battery components.



EMIA Step

The **EMIA-Step Carbon/Sulfur Analyzer**, which uses a **tubular electric resistance heating furnace**, offers highly accurate and sensitive analysis. Its **variable heating temperature (up to 1450°C)** function allows for quantitative analysis by separating it by temperature or humidity as well as whole quantity analysis.

Typical Applications (O/N/H & CS Analyzers):

- Energy: Materials for lithium-ion battery, fuel cell, electrolyzer
- Electric parts
- Ceramics
- Semiconductor: Silicon, poly-silicon, GaN
- Steel and non-ferrous alloy (metallurgy): Iron, copper, nickel, aluminum, zinc, tungsten carbide
- Mineral: Cokes, lime stone, coal, silicone, rare-metal
- Others: Catalyst, rubber, carbon black, silica, cement

HORIBA Scientific offers 200 years of experience in developing high-performance scientific instruments and analytical solutions.

Particle Characterization| Particle Size Distribution Analyzers & Nano Particle Analyzers



Partica LA-960V2/mini LA-350



nanoPartica SZ-100V2 Series

Laser Scattering Particle Size Distribution Analyzers

- **Partica mini LA-350** is compact system providing an ideal combination of high-functionality, easy operation, low maintenance, and cost-effectiveness.
- **Partica LA-960V2** is the industry standard for high-end research and complex quality control.
- **nanoPartica SZ-100V2** uses Dynamic Light Scattering (DLS) for true nanometer-scale analysis, also measuring Zeta Potential and Molecular Weight.



Partica CENTRIFUGE

Centrifugal Nanoparticle Analyzer

High resolution particle size distribution measurement by centrifugation.



ViewSizer 3000

Simultaneous Multispectral Nanoparticle Tracking Analysis (NTA)

Advanced Multi-energy NTA approach—specifically, Multispectral NTA—to capture comprehensive, detailed particle data across the entire size distribution.

Raman Spectroscopic Analysis| Raman Microscope, Raman Spectrometers, AFM Raman



LabRAM Soleil™ Raman Microscope - Ultrafast Confocal Raman Imaging



LabRAM Odyssey Confocal Raman Imaging & High Resolution Spectrometer



XploRA™ PLUS MicroRaman Spectrometer - Confocal Raman Microscope



MacroRAM™ Benchtop Raman Spectrometer





OmegaScope- The AFM optical platform can be integrated with XploRA and LabRAM upgrading to **NanoRaman™** for measurements from micro to nanoscale for correlated and TERS/TEPL analysis and many other AFM modes correlated with spectroscopic measurements



LabRAM Odyssey Semiconductor

Ideal tool for photoluminescence and Raman imaging on wafers up to 300 mm diameter.



Standard Microscope Spectroscopy

SMS family of systems enable any standard microscope to be fitted with a spectrometer and a detector

Fluorescence/Cathodoluminescence Analysis| Fluorescence & Absorbance Spectrometers



Duetta



FluoroMax Plus

Duetta dual fluorescence and absorbance spectrometer.

FluoroMax Plus steady state and lifetime benchtop spectrofluorometer offers extended performance with detection of emission spectra out to 1700 nm and (TCSPC) Time Correlated Single Photon Counting lifetime measurements as short as 25ps.



Fluorolog-QM



Delta Pro/Flex

Fluorolog-QM modular research fluorometer for lifetime and steady state measurements with its exquisite, optically perfect, all reflective optics, combined with a multitude of light source and detector options, and sample handling accessories, provides the highest sensitivity and greatest versatility of any spectrofluorometer.

Delta Pro/Flex are the next generation of time-correlated single photon counting (TCSPC) fluorescence lifetime instrumentation.

Surface Characterization | GD-OES & Elipsometer



GD-Profiler 2™

GD-Profiler 2™ Pulsed-RF Glow Discharge Optical Emission Spectrometer

The GD-Profiler 2™ provides fast, simultaneous analysis of all elements of interest including the gases nitrogen, oxygen, hydrogen and chlorine. It is an ideal tool for thin and thick films characterization and process studies.



UVISEL Plus

UVISEL Plus Spectroscopic Ellipsometer from FUV to NIR: 190 to 2100 nm

The UVISEL Plus ellipsometer offers the best combination of modularity and performance for advanced thin film, surface and interface characterization.

Mass Flow Controllers



Digital Mass Flow Controllers



Mixed Injection System Liquid Vaporizer



Digital Auto Pressure Regulator

The HORIBA Group of worldwide companies provides an extensive array of instruments and systems for applications ranging from automotive R&D, process and environmental monitoring, in-vitro medical diagnostics, semiconductor manufacturing and metrology, to a broad range of scientific R&D and QC measurements. Proven quality and trustworthy performance have established widespread confidence in the HORIBA Brand.

Waters Corporation is a global powerhouse in analytical science, widely recognized as the gold standard for high-performance liquid chromatography (HPLC) and mass spectrometry (MS). They cater primarily to the pharmaceutical, bioprocessing, and clinical research sectors, focusing on precision and regulatory compliance.

Products

Waters Dependability Line HPLC Systems

Waters Dependability line of high-performance liquid chromatography (HPLC) systems are synonymous with cost-effective, highly reliable results for your everyday applications—without sacrificing data quality.



Alliance iS HPLC/ Bio HPLC System



Alliance HPLC System



Arc HPLC System



Breeze QS HPLC System

Waters Flexibility Line HPLC/UHPLC Systems

Waters Flexibility line of HPLC and entry-level UHPLC systems match your need for flexibility and streamlined deployment – for easy method development, reliable method transfer, and uncomplicated routine analyses.



Arc Premier LC System



ACQUITY Arc LC System



ACQUITY Arc Multi-Dimensional Liquid Chromatography System

Waters Performance Line UHPLC/UPLC Systems

Waters Performance line of UHPLC/UPLC systems power up the sensitivity, repeatability, and robustness of your mass spectrometry (MS) analyses and improve the quality of your data.



ACQUITY Premier System



ACQUITY UPLC H/M/1-Class PLUS System



ACQUITY UPLC Systems with 2D LC Technology



PATROL UPLC Process Analysis System

Waters Purification Systems

Achieve the efficiency and scalability you need for your purification workflows with Waters Purification line of preparative high-performance liquid chromatography (HPLC) and supercritical fluid chromatography (SFC) systems.



Analytical Scale Purification System



Modular Systems



Fraction Collector



LC Prep AutoPurification System



SFC Prep AutoPurification System

LC-MS Systems

Get the versatility and performance your lab needs to obtain conclusive answers with high-quality data using Waters liquid chromatography mass spectrometry (LC-MS) systems.



BioAccord LC-MS System



Xevo G3 QTof



Xevo TQ-XS Triple Quadrupole Mass Spectrometer



Xevo MRT Mass Spectrometer

GC-MS Systems



Waters Atmospheric Pressure Gas Chromatography (APGC)



Xevo TQ-GC Mass Spectrometry

Waters Xevo TQ-GC is an Electron Ionization (EI) tandem quadrupole instrument for routine screening and quantitation. Waters high performance APGC source for GC-MS delivers the benefits of atmospheric pressure ionization across a range of Tandem Quadrupole, Quadrupole Time-of-Flight and Ion Mobility enabled high resolution instruments.



Products

TA Instruments Products and Solutions

TA Instruments, a subsidiary of Waters Corporation, is the global leader in manufacturing high-performance analytical systems for thermal analysis, rheology, and microcalorimetry.

Thermal Analyzers



Differential Scanning Calorimeters



Thermogravimetric Analyzers



Dynamic Mechanical Analyzers



Thermomechanical Analyzers

Rheology



Discovery Core/Hybrid & ARES-G2 Rheometers



High Temperature Viscometers



Mooney Viscometer (Rubber Testing)

Other Equipment



Dilatometers



Microcalorimeters



ElectroForce Mechanical Testing



Light/Laser Flash Analyzers

Olympus—now operating under the corporate name Evident Scientific—remains one of the "Big Four" global leaders in microscopy. Their portfolio is built on a century of Japanese optical excellence, known for the high-performance UIS2 infinity-corrected optics that deliver exceptional image clarity and color reproduction.

Products **Microscopy**



Upright Microscopes



Stereo Microscopes



Inverted Microscopes



Research Macro Zoom Microscopes



Super Resolution Microscopes



Laser Scanning Microscopes



Spinning Disk Confocal Microscopes



Biological Microscopes



Olympus microscope imaging portfolio (now under the Evident Scientific brand) is defined by a shift toward quantitative imaging and AI-driven automation. The systems are designed to move beyond simple "pictures" to provide absolute data, such as precise photon counts and automated feature recognition.

The one thing all laboratories need to be successful is results they feel confident in. Since 1936, millions of samples worldwide have been analyzed using LECO laboratory instruments for elemental analysis, thermal analysis, metallography, and mass spectrometry.

Products

Elemental Analysis



O/N/H Analyzers



CS Analyzers



GD-AES



Tube Furnaces

LECO stands as a leader in elemental determination, offering a diverse range of technologically advanced analytical instruments.

- **736 Series** Oxygen and Nitrogen by Inert Gas Fusion
- **744/ 832/ 844 Series** Carbon and Sulfur by Combustion
- **828 Series** Carbon, Hydrogen, Nitrogen, and Protein Determinator
- **836 Series** Oxygen, Nitrogen, and Hydrogen Detection
- **928 Series** Carbon/Nitrogen/Sulfur and Nitrogen/Protein Analysis by Combustion
- **DH603** Residual and Diffusible Hydrogen Determination by Hot Extraction
- **GDS900/ GDS950** Glow Discharge Atomic Emission Spectrometer
- **RC612** Carbon and Water Determination
- **TruSpec Micro CHN/CHNS/O**
- **Tube Furnaces** - Reduce contaminants of reusable crucibles

Thermal Analysis



Thermogravimetric Moisture Determinator



Moisture, Ash, Volatile Content, and Loss-on-Ignition



Coal and Coke Ash Fusibility Determinator



Gross Calorific Content

TEMPO has worked with industry leaders to design solutions for production and research needs across the entire constant temperature / environment spectrum. TEMPO focuses to provide economical equipment to Research institutions, Universities & colleges & manufacturers in industries such as electronics, Pharmaceutical Research, Cement, Steel etc.

Products

Chambers



Walk In Chambers - Stability, BOD, Deep Freezer



Stability/ Humidity/ Photostability Chambers



BOD/ Bacteriological Incubators



Deep Freezers/ Lab Refrigerators (Dual Chamber & Glass Door)

Ovens



Laboratory Ovens - Forced Air Circulation & Gravity Convection



High Temperature Ovens Upto 400 C



Vacuum Ovens



Drum Heater



Laboratory Drying Ovens



Tray Drying Ovens



Large Capacity Ovens



Humidity Ovens

Furnaces



Laboratory Furnace 900 - 1700 C



Raising Hearth Furnace



Tube Furnace



CVD Furnace

General Equipment & Consumables



Water Baths/ Ultrasonic Baths/ Cryo Baths



Autoclaves



Hot Plates & Stirrers



Heating Cords & Tapes

Laboratory Furniture



Fume Hoods Table Top/ Floor Models



Bio Safety Cabinets



Laminar Air Flow Units



Static/Dynamic Pass Box

Remi is one of India's most iconic and dependable laboratory brands. Headquartered in Mumbai, it has grown from a small manufacturer of fractional horsepower motors into a massive conglomerate. In the Indian scientific community, Remi is virtually synonymous with centrifugation and stirring, holding over 50% of the domestic market share for several of its core product lines.

Products



Laboratory Stirrers & Hot Plates



Vortexers/ Multi & Cyclo Mixers



Shakers & Mixers



General/ Research/ Refrigerated Centrifuges



Ovens & Furnaces



Water Bath



Orbital Shaking Incubators



Incubators



Walk In Chambers



Laboratory Freezers
0 to -86 C



Stability Chambers



Humidity Chambers

The Borosil Scientific lab reactor portfolio (under the Borosil Process Sciences division) is one of the most comprehensive in the Indian market. It bridges the gap between laboratory-scale synthesis and industrial production using high-quality Borosilicate 3.3 glass.

Products

Laboratory Process Systems



Parallel Reaction System



Mini Reactor System



Jacketed Bench Reactors



Jacketed Pilot Reactors



Photo & Specialty System



Automated Reaction Systems



Everyone Included, Everything Achieved

Industrial Process Systems

Goel Scientific Glass Works Ltd is a leading manufacturer of Industrial Glass Process Systems for the Pharmaceutical, Chemical, R&D, API, Life Science, Essential Oil, Precious metal, Pigment and Dyes, and Lighting industries. Goel Scientific Glass Works Limited is a part of the Borosil Scientific Limited Company.



High Pressure Glass Reactor



Glass Lined Reactor Assembly



Agitated Nutsche Filter



Advanced Glass Jacketed Reactor



Gas Scrubber



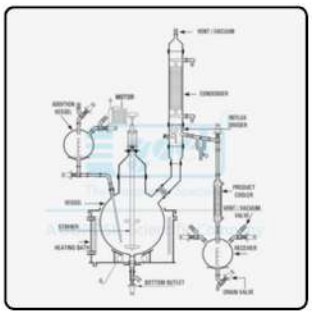
Reaction Distillation Unit



Standard Units



Mobile Mixing System



Customized Assembly



Industrial Technical Packages



Peptide Synthesizers



Synthesizer Vessel



Rotary Evaporator



Shell and Tube Heat Exchanger



Pipeline Components



Glass Column

Empowering Scientific Precision Across All Sectors

















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