KRIVALIS™

COMPANY PROFILE

Laboratory, Analytical & Process Equipment

Reactors, furnaces, mass flow control, analytical instruments, medical and environmental equipment.

2026-27 EDITION | KRIVA LAB INSTRUMENTS

2002	169	120+
ESTABLISHED	CATALOGUE ITEMS	COUNTRIES

One supplier for laboratory, pilot plant and process equipment - with documentation and service.

Laboratory Equipment for Tomorrow's Science

Pressure. Temperature. Flow.

Who we are

Krivalis is a division of Kriva Medical & Lab Instruments, based in Mumbai, India. Since 2002 the company has supplied laboratory, pilot plant and process equipment to universities, research institutes, pharmaceutical and chemical manufacturers, oil and gas companies, food and water testing laboratories, hospitals and government and defence laboratories.

The range covers high pressure reactors and pilot plant systems, laboratory furnaces from 1200 C to 1700 C, mass flow controllers and gas handling systems, analytical instruments, medical sterilisation and diagnostic equipment, environmental monitoring instruments and the consumables and spares that keep them running.

WHAT WE DO DIFFERENTLY

- Specification before quotation: pressure, temperature, chemistry, volume and utilities are reviewed first.
- Certified designs and documentation: ATEX/IECEx, ASME, CE/U-stamp and GMP where the application calls for it.
- Integration: reactors, gas delivery, control and data logging supplied as one system.
- After-sales: installation, commissioning, calibration, spares and operator training.
- Export experience: documentation, packing and logistics for 120+ countries.

CERTIFICATIONS & ACCREDITATIONS

ATEX / IECEx certification | ASME design | CE / U-stamp marking | FDA registered equipment | GMP compliant - pharma

TRUSTED BY RESEARCH AND INDUSTRY

NASA | BITS Pilani | IIT Jodhpur | TIFR | SABIC | Halliburton

Product range

LAB REACTORS

Krivalis supplies benchtop, laboratory and pilot scale high pressure reactors in SS316, Hastelloy C276, Inconel 625, titanium, borosilicate 3.3, quartz and sapphire. Systems run to 350 bar and 500 C with magnetic or mechanical stirring, programmable touch-panel control and remote monitoring. Typical duties include hydrogenation, catalyst screening, polymerisation, hydrothermal synthesis, photocatalysis and process scale-up.

16 items, for example: High Pressure Reactor - Benchtop Scale, High Pressure Reactor - Lab Scale, High Pressure Reactor - Pilot Scale, Glass Pressure Reactor - Quartz.

HIGH TEMPERATURE FURNACES

Laboratory furnaces for sintering, annealing, calcination, ashing, heat treatment and materials research: chamber and muffle furnaces, split and rotary tube furnaces, CVD/PECVD tube furnaces, vacuum and atmosphere furnaces and bottom-loading models, from 1200 C to 1700 C with HRE, SiC or MoSi2 elements.

25 items, for example: Chamber Muffle Furnace - 1200°C, Chamber Muffle Furnace - 1400°C, Chamber Muffle Furnace - 1700°C, Single Zone Tube Furnace - 1200°C (Split Type).

FLOW CONTROL

Precision gas flow control for laboratory and process duty: thermal and Coriolis mass flow controllers and meters, multi-channel gas mixing and blending systems, back-pressure and pressure controllers, gas manifolds and distribution panels. Interfaces include analogue 0-5 V / 4-20 mA, RS485 Modbus, Profibus and EtherNet/IP.

6 items, for example: MFC1100 Gas Mass Flow Controller, MFC1600 Gas Mass Flow Controller, MFC2000 Gas Mass Flow Controller, MFC4000 Gas Mass Flow Controller.

FLOW MONITORING

Flow monitoring and gas detection instruments for laboratories, pilot plants and industrial sites: digital and variable-area flow meters, gas flow monitors for air, N2, O2, Ar, CO2, H2 and specialty gases, fixed and portable gas detectors, and flow calibration systems used to verify controllers in service.

9 items, for example: KC3000 Gas Mass Flow Meter, KC4000 Gas Mass Flow Meter, KC4700 Gas Mass Flow Meter, KC5000 Gas Mass Flow Meter.

ANALYTICAL INSTRUMENTS

Analytical instruments for pharmaceutical QC, food testing, academic research and industrial laboratories: precision and analytical balances, UV-Visible spectrophotometers, pH and conductivity meters, moisture and TOC analysers, and supporting accessories. Every instrument is supplied with calibration documentation and optional installation qualification support.

12 items, for example: 790S Automated Superwave Workstation, 3500S Portable GC-MS, 4820 Spark OES Metals Analyzer, 4850 Spark OES Metals Analyzer.

MEDICAL EQUIPMENT

Medical and laboratory sterilisation equipment plus diagnostic instruments for hospitals, dental and veterinary clinics, pathology laboratories and pharmaceutical facilities: Class B and Class N autoclaves from 18 L to larger floor models, steam sterilizers, ELISA and chemiluminescence analysers, nebulisers and patient care devices.

35 items, for example: Medical Autoclave (Class B, 18L), Medical Autoclave (Class B, 23L), Table Top Autoclave (Class N, 18L), Table Top Autoclave (Class N, 23L).

ENVIRONMENTAL MONITORING

Environmental monitoring instruments for regulatory and research laboratories: gas analysers, particulate and dust monitors, air and water sampling equipment, stack and ambient monitoring accessories, and the calibration gases and consumables that keep measurements defensible.

5 items, for example: FTIR-1900 Gas Telemetering Instrument, FTIR-1920 Gas Telemeter (Portable), FTIR-1950 Open-Path Gas Analyzer, GDM-2100/1000 Series Gas Detectors.

LABORATORY EQUIPMENT

General laboratory equipment for research, teaching and quality control: biological and metallurgical microscopes, electronic balances, pH testers, magnetic stirrers, hotplates, centrifuges, homogenisers, water baths and basic glassware support. Selected for reliability in daily laboratory use, with spare parts and service available across India.

41 items, for example: Automatic Electronic Analytical Balance (BA-C Series), Electronic Precision Balance (BP-B/P Series), Electronic Balance (BE-G/N Series), Laboratory Biological Microscope (BM-B100 Series).

CONSUMABLES & SPARES

Genuine consumables and spare parts that keep reactors, furnaces and flow instruments running: PTFE and graphite gaskets, seals and O-rings, sample vials and septa, syringes, tubing and fittings, crucibles, heating elements, thermocouples, filters and OEM replacement components.

20 items, for example: PTFE Flange Gasket, Metallic Grafoil Gasket, Spiral Wound Metal Gasket, RTD Temperature Sensor - PT100.

Industries we serve

- Pharmaceutical and biotechnology: process development, QC and sterilisation.
- Chemical and petrochemical: catalysis, hydrogenation, polymerisation and pilot plants.
- Energy and hydrogen: gas delivery, flow control and high pressure testing.
- Battery and advanced materials: sintering, calcination and atmosphere processing.
- Food, water and environmental testing laboratories.
- Universities, government, defence and contract research organisations.
- Hospitals, dental and veterinary clinics and pathology laboratories.

HOW TO WORK WITH US

- Send the application, operating conditions, volume or flow range and materials.
- Include utilities, compliance and documentation requirements, and the timeline.
- Receive a technical proposal with configuration, options, lead time and price.
- Factory acceptance testing, documentation and dispatch; installation and training on request.

CONTACT

Email	sales@krivalis.com
Phone	+91-74000-43303
Website	www.krivalis.com
Address	2306, T3, Runwal, LBS Marg, Kanjurmarg West, Mumbai 400078, India