KRIVALIS™

ANALYTICAL INSTRUMENTS CATALOGUE

Analytical Instruments

Balances, spectrophotometers, pH and conductivity meters for QC, research and teaching laboratories.

2026-27 EDITION | KRIVA LAB INSTRUMENTS

100+	120+	98%
CLIENTS	COUNTRIES	SATISFACTION

Analytical instrumentation for pharmaceutical QC, food testing, academic research and industrial laboratories, supplied with calibration documentation. - 12 catalogue items, 1

Laboratory Equipment for Tomorrow's Science

Pressure. Temperature. Flow.

Who we are

Krivalis - a division of Kriva Medical & Lab Instruments, Mumbai - supplies laboratory, analytical and process equipment to universities, research institutes, chemical, pharmaceutical, oil & gas and manufacturing companies in more than 120 countries.

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.

This catalogue covers the Analytical Instruments portfolio: 12 catalogue items, each with its technical specification, typical applications and the information our engineers need to configure a system for your process.

WHY CHOOSE KRIVALIS

QC covered
Stringent quality control at every stage, from fabrication to factory acceptance testing.
Application-first
Pressure, temperature, chemistry, volume and utilities are reviewed before anything is quoted.
Global reach
Serving customers in 120+ countries through a dealer and logistics network.
Innovation-driven
Continuous development of reactor, furnace and flow platforms.

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

TALK TO A SPECIALIST

Every system is factory-tested, and configurations are customised without compromising safety. Send your application, operating pressure and temperature, volume and utilities to sales@krivalis.com, or call +91-74000-43303, and our engineering team will respond with a technical proposal.

Catalog index

Capacity, pressure and temperature ranges as published on www.krivalis.com. Use the reference code (for example KR-124) when requesting a quotation.

ANALYTICAL INSTRUMENTS

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Specifications are typical and can be customised to your process. Price and lead time on request.

ANALYTICAL INSTRUMENTS

REF KR-124

790S Automated Superwave Workstation

790S Automated Superwave Workstation is designed for reliable laboratory measurement, research, quality control, and process-development applications.

TECHNICAL SPECIFICATIONS

Cavities	1 or 4 (independent operation)
Tank Material	Duplex steel, PTFE-lined
Tank Sizes	6, 8, 18, 24 holes; 6-50 ml tubes
Reagent Filling	Automated, PTFE channels
Safety	Overpressure protection, cooling, automated lid opening
Features	Unattended digestion, real?time temperature/pressure display



APPLICATIONS

Laboratory testing - Research - Quality control - Process development

INDUSTRIES

Pharmaceuticals - Chemicals - Food - Environmental - Academic research

TYPICAL USE CASES

Routine testing - Sample analysis - Method development - R&D

ADVANTAGES

Application-focused design and digital operation versus basic conventional equipment

ORDERING INFORMATION

Quote the reference KR-124 when enquiring. Configurations, wetted materials, port layouts and control options are confirmed on the quotation; final values appear on the equipment nameplate and test certificate.

Request a quote: www.krivalis.com/contact.php | View online: www.krivalis.com/products/analytical

ANALYTICAL INSTRUMENTS REF KR-126

3500S Portable GC-MS

3500S Portable GC-MS is designed for reliable laboratory measurement, research, quality control, and process-development applications.

TECHNICAL SPECIFICATIONS

Detector	Mass spectrometer (MS)
Sampling Modes	Sorbent tube, direct injection, headspace, SPME
Scan Modes	Full scan, SIM, MS/MS
Weight	<19 kg



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ANALYTICAL INSTRUMENTS

REF KR-127

4820 Spark OES Metals Analyzer

4820 Spark OES Metals Analyzer delivers reliable analytical measurement for laboratory testing, quality control, research, and process development.

TECHNICAL SPECIFICATIONS

Optical System	Paschen?Runge, CMOS detectors
Wavelength Range	174-520 nm
Source	Programmable full digital pulse source, up to 1000 Hz
Argon	Self?purification (patented)
Weight	~70 kg



APPLICATIONS

Chemical analysis - Quality control - Research - Environmental testing - Pharmaceutical testing

INDUSTRIES

Pharmaceuticals - Chemicals - Food - Environmental - Academic laboratories

TYPICAL USE CASES

Routine analysis - Method development - Sample testing - Quality assurance

ADVANTAGES

Digital control, data handling, and application-focused measurement versus basic instruments

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ANALYTICAL INSTRUMENTS

REF KR-128

4850 Spark OES Metals Analyzer

4850 Spark OES Metals Analyzer delivers reliable analytical measurement for laboratory testing, quality control, research, and process development.

TECHNICAL SPECIFICATIONS

Optical System	Dual chamber, Paschen?Runge, CMOS detectors
Wavelength Range	140-680 nm
Source	Programmable full digital pulse source, up to 1000 Hz
Argon	Dual chamber argon purging
Weight	~80 kg



APPLICATIONS

Chemical analysis - Quality control - Research - Environmental testing - Pharmaceutical testing

INDUSTRIES

Pharmaceuticals - Chemicals - Food - Environmental - Academic laboratories

TYPICAL USE CASES

Routine analysis - Method development - Sample testing - Quality assurance

ADVANTAGES

Digital control, data handling, and application-focused measurement versus basic instruments

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ANALYTICAL INSTRUMENTS REF KR-129

5210 LC-MS/MS

5210 LC-MS/MS is designed for reliable laboratory measurement, research, quality control, and process-development applications.

TECHNICAL SPECIFICATIONS

Ion Source	ESI, orthogonal spray
Mass Analyzer	Triple quadrupole with axial acceleration collision cell
Detection	Pulse counting detector
Vacuum	Multi?stage differential vacuum
Software	Mass Expert with method library and one?click tuning



APPLICATIONS

Laboratory testing - Research - Quality control - Process development

INDUSTRIES

Pharmaceuticals - Chemicals - Food - Environmental - Academic research

TYPICAL USE CASES

Routine testing - Sample analysis - Method development - R&D

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ANALYTICAL INSTRUMENTS REF KR-131

6500 ICP-OES

6500 ICP-OES is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Optical System	Echelle, 2D spectroscopic, 160?900 nm
Detector	Large area ECCD (1024×1024), back?vented anti?overflow
RF Source	Self?excited all?solid?state, 500?1600 W, iStandby mode
Torch	Vertical, dual observation (axial/radial)
Stability	8?hour RSD <1%
Software	Element V with FSC and smart integration

APPLICATIONS

Laboratory testing - Research - Quality control - Process development

INDUSTRIES

Pharmaceuticals - Chemicals - Food - Environmental - Academic research

TYPICAL USE CASES

Routine testing - Sample analysis - Method development - R&D

ADVANTAGES

Application-focused design and digital operation versus basic conventional equipment

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ANALYTICAL INSTRUMENTS

REF KR-132

7350 Triple Quadrupole ICP-MS

7350 Triple Quadrupole ICP-MS is designed for reliable laboratory measurement, research, quality control, and process-development applications.

TECHNICAL SPECIFICATIONS

Torch	Vertical, first in ICP?MS
RF Source	Self?excited all?solid?state, 500?1600 W
Mass Analyzer	True triple quadrupole (Q1, Q2)
Collision Cell	Waterfall?flow dynamic reaction cell, 5?channel gas
Detection	Secondary off?axis, pulse counting
Software	Element V with audit trail, 21 CFR Part 11



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TYPICAL USE CASES

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ANALYTICAL INSTRUMENTS

REF KR-137

NIR-1360A Quick Fuel Analyzer

NIR-1360A Quick Fuel Analyzer delivers reliable analytical measurement for laboratory testing, quality control, research, and process development.



TECHNICAL SPECIFICATIONS

Wavelength	1000?1800 nm
Sample	Liquids, automatic sampling (30 ml) or manual (0.5 ml)
Analysis Time	<2 min
Density Option	U?tube oscillation, 0.0005 g/cm3
Temperature Control	20?60°C, ±0.2°C
Weight	<20 kg

APPLICATIONS

Chemical analysis - Quality control - Research - Environmental testing - Pharmaceutical testing

INDUSTRIES

Pharmaceuticals - Chemicals - Food - Environmental - Academic laboratories

TYPICAL USE CASES

Routine analysis - Method development - Sample testing - Quality assurance

ADVANTAGES

Digital control, data handling, and application-focused measurement versus basic instruments

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ANALYTICAL INSTRUMENTS REF KR-138

NIR-1370 Near-Infrared Analyzer

NIR-1370 Near-Infrared Analyzer delivers reliable analytical measurement for laboratory testing, quality control, research, and process development.



TECHNICAL SPECIFICATIONS

Wavelength	1000?1800 nm (or 1000?2500 nm optional)
Detector	InGaAs, TEC cooled
Sample	Granules, powders, flakes, pastes
Analysis Time	<30 sec
Weight	20 kg
Software	RIMP with PLS, ANN, SIMCA

APPLICATIONS

Chemical analysis - Quality control - Research - Environmental testing - Pharmaceutical testing

INDUSTRIES

Pharmaceuticals - Chemicals - Food - Environmental - Academic laboratories

TYPICAL USE CASES

Routine analysis - Method development - Sample testing - Quality assurance

ADVANTAGES

Digital control, data handling, and application-focused measurement versus basic instruments

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Request a quote: www.krivalis.com/contact.php | View online: www.krivalis.com/products/analytical

ANALYTICAL INSTRUMENTS REF KR-139

GC-2000 Gas Chromatograph

GC-2000 Gas Chromatograph delivers reliable analytical measurement for laboratory testing, quality control, research, and process development.

TECHNICAL SPECIFICATIONS

Pressure Control	EPC, ruby core, 0.001 psi accuracy
Detectors	FID, ECD, FPD, TCD, MS, MS/MS (up to 4 simultaneously)
Oven	High?precision independent temperature control
Injection	Liquid autosampler, headspace, SPME, PTV
Software	Intelligent, Android?based touch UI



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ANALYTICAL INSTRUMENTS REF KR-140

SUPEC 7000 ICP-MS

SUPEC 7000 ICP-MS is designed for reliable laboratory measurement, research, quality control, and process-development applications.

TECHNICAL SPECIFICATIONS

RF Source	Self?excited all?solid?state, iStandby mode
Interface	Double taper, aerodynamic design
Collision Cell	Hexapole with waterfall?flow gas distribution
Quadrupole	Pure molybdenum, temperature/humidity resistant
Detector	High sensitivity electron multiplier
Software	Element V, guided operation



APPLICATIONS

Laboratory testing - Research - Quality control - Process development

INDUSTRIES

Pharmaceuticals - Chemicals - Food - Environmental - Academic research

TYPICAL USE CASES

Routine testing - Sample analysis - Method development - R&D

ADVANTAGES

Application-focused design and digital operation versus basic conventional equipment

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Request a quote: www.krivalis.com/contact.php | View online: www.krivalis.com/products/analytical

ANALYTICAL INSTRUMENTS REF KR-151

790S Automated Superwave Workstation (Four Cavity)

790S Automated Superwave Workstation (Four Cavity) is designed for reliable laboratory measurement, research, quality control, and process-development applications.

TECHNICAL SPECIFICATIONS

Cavities	4, independent operation
Tank Material	Duplex steel, PTFE-lined
Tank Sizes	6, 8, 18, 24 holes; 6?50 ml tubes
Automation	Reagents filling, constant volume, filtration, transfer
Safety	Overpressure protection, automated cooling and lid opening
Features	Unattended digestion, real?time display, method library



APPLICATIONS

Laboratory testing - Research - Quality control - Process development

INDUSTRIES

Pharmaceuticals - Chemicals - Food - Environmental - Academic research

TYPICAL USE CASES

Routine testing - Sample analysis - Method development - R&D

ADVANTAGES

Application-focused design and digital operation versus basic conventional equipment

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How to specify and order

The fastest route to a usable quotation is a short, specific enquiry. The checklist below is what our engineers ask before proposing a configuration.

WHAT TO SPECIFY

- Measurement range, resolution and the accuracy your method requires.
- Regulatory context: pharmacopoeial method, GLP, ISO 17025 accreditation.
- Calibration and verification interval, and who performs it.
- Data integrity needs: audit trail, user accounts, LIMS export.
- Sample throughput and the consumables it implies.
- Bench space, power quality and environmental conditions in the lab.

DOCUMENTATION AND SUPPORT

- Test certificates, material traceability and calibration records with the equipment.
- Installation, commissioning and operator training through Krivalis or the local dealer.
- Spare parts, seals and consumables held for the life of the equipment.
- Service support by phone, email and remote access, with on-site visits where required.

CONTACT

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Legal entity	Kriva Medical & Lab Instruments, Mumbai, India

Krivalis supplies laboratory, analytical and process equipment to research laboratories, universities, pharmaceutical companies and industry in more than 120 countries. Product brochures, buying guides and specifications are available at www.krivalis.com.