KRIVALIS™

CONSUMABLES & SPARES CATALOGUE

Laboratory Consumables & Spare Parts

Genuine seals, gaskets, rupture discs, elements, thermocouples and filters that keep equipment running.

2026-27 EDITION | KRIVA LAB INSTRUMENTS

100+	120+	98%
CLIENTS	COUNTRIES	SATISFACTION

Consumables and spare parts for reactors, furnaces, autoclaves, flow instruments and analytical equipment. - 20 catalogue items, 1 platforms.

Laboratory Equipment for Tomorrow's Science

Pressure. Temperature. Flow.

A division of Kriva Medical & Lab Instruments - Mumbai, India

www.krivalis.com

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.

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.

This catalogue covers the Consumables & Spares portfolio: 20 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-154) when requesting a quotation.

CONSUMABLES & SPARES

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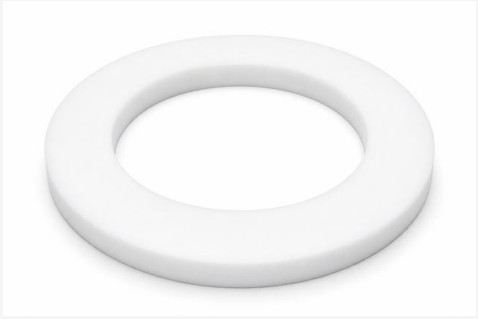
Specifications are typical and can be customised to your process. Price and lead time on request.

CONSUMABLES & SPARES

REF KR-154

PTFE Flange Gasket

PTFE Flange Gasket is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Material	PTFE (Polytetrafluoroethylene)
Thickness	1.5 mm (1/16") or 3.0 mm (1/8")
Diameter Range	DN10 to DN100 (other sizes available)
Temperature Range	-268°C to +260°C
Pressure Range	Up to 40 bar (580 psi)
Standard	ASME B16.21
Features	Chemical resistant, non?stick, low friction

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-154 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/consumables

CONSUMABLES & SPARES

REF KR-155

Metallic Grafoil Gasket

Metallic Grafoil Gasket is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Material	Expanded graphite foil with perforated metal reinforcement (e.g., AISI 316L)
Thickness	1.0, 1.5, 2.0, 3.0, 4.0 mm
Sheet Sizes	1500×1500 mm and 1000×1000 mm
Temperature Range	-240°C to +550°C
Pressure Range	Up to 500 bar (higher with reinforcement)
Features	Excellent thermal conductivity, self?lubricating, resistant to most chemicals

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-155 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/consumables

CONSUMABLES & SPARES

REF KR-156

Spiral Wound Metal Gasket

Spiral Wound Metal Gasket is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Material	SS304/316 with graphite or PTFE filler
Thickness	4.5 mm (0.175")
Diameter Range	NPS 1/2" to 24" and larger
Pressure Classes	150, 300, 600, 900, 1500, 2500
Temperature Range	-200°C to +550°C (graphite); up to 1000°C with special designs
Pressure Range	Up to 400 bar
Standard	ASME B16.20
Features	Resilient, high blow?out resistance, adaptable to flange movement

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-156 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/consumables

CONSUMABLES & SPARES

REF KR-157

RTD Temperature Sensor - PT100

RTD Temperature Sensor - PT100 provides compact, responsive measurement for laboratory instrumentation, medical equipment, HVAC, and industrial automation.



TECHNICAL SPECIFICATIONS

Type	PT100 (100? @ 0°C)
Tolerance Class	Class A / Class B (IEC 60751)
Temperature Range	-200°C to +600°C (depending on construction)
Accuracy	Class A: ±(0.15 + 0.002-|t|)°C
Connection	2-wire, 3-wire, or 4-wire
Sheath Material	Stainless steel (316L), Inconel, or ceramic
Probe Diameter	3 mm, 6 mm, 8 mm, or custom
Standards	IEC 60751, DIN EN 60751

APPLICATIONS

Pressure monitoring - Flow measurement - HVAC - Medical devices - Industrial instrumentation

INDUSTRIES

Medical - HVAC - Laboratories - Industrial automation - Process engineering

TYPICAL USE CASES

Equipment feedback - Pressure monitoring - Control systems - Condition monitoring

ADVANTAGES

Fast response and digital integration versus conventional mechanical gauges or sensors

ORDERING INFORMATION

Quote the reference KR-157 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/consumables

CONSUMABLES & SPARES

REF KR-158

RTD Temperature Sensor - PT1000

RTD Temperature Sensor - PT1000 provides compact, responsive measurement for laboratory instrumentation, medical equipment, HVAC, and industrial automation.



TECHNICAL SPECIFICATIONS

Type	PT1000 (1000? @ 0°C)
Tolerance Class	Class A / Class B (IEC 60751)
Temperature Range	-200°C to +600°C
Accuracy	Class A: ±(0.15 + 0.002-|t|)°C
Connection	2-wire, 3-wire, or 4-wire
Sheath Material	Stainless steel 316L / Inconel
Probe Diameter	3 mm, 6 mm, 8 mm
Standards	IEC 60751

APPLICATIONS

Pressure monitoring - Flow measurement - HVAC - Medical devices - Industrial instrumentation

INDUSTRIES

Medical - HVAC - Laboratories - Industrial automation - Process engineering

TYPICAL USE CASES

Equipment feedback - Pressure monitoring - Control systems - Condition monitoring

ADVANTAGES

Fast response and digital integration versus conventional mechanical gauges or sensors

ORDERING INFORMATION

Quote the reference KR-158 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/consumables

CONSUMABLES & SPARES

REF KR-159

Thermocouple Type J (Iron/Constantan)

Thermocouple Type J (Iron/Constantan) is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Type	J (Iron / Constantan)
Temperature Range	0°C to +750°C (continuous) ; -210°C to +1200°C (short term)
Accuracy	Class 1: ±1.5°C or ±0.4% ; Class 2: ±2.5°C or ±0.75%
Wire Gauge	24 AWG, 20 AWG, or custom
Insulation	Fiberglass, PTFE, ceramic, or metal sheathed
Connector	Miniature flat pin (ANSI) or bare wires
Standards	IEC 60584, ASTM E230

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

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

CONSUMABLES & SPARES

REF KR-160

Thermocouple Type K (Chromel/Alumel)

Thermocouple Type K (Chromel/Alumel) is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Type	K (Chromel / Alumel)
Temperature Range	-200°C to +1250°C (continuous) ; up to +1350°C (short term)
Accuracy	Class 1: ±1.5°C or ±0.4% ; Class 2: ±2.5°C or ±0.75%
Wire Gauge	24 AWG, 20 AWG, 16 AWG
Insulation	Fiberglass, PTFE, ceramic, metal sheathed (Inconel 600)
Connector	Miniature flat pin (ANSI) or bare wires
Standards	IEC 60584, ASTM E230

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-160 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/consumables

CONSUMABLES & SPARES

REF KR-161

Thermocouple Type T (Copper/Constantan)

Thermocouple Type T (Copper/Constantan) is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Type	T (Copper / Constantan)
Temperature Range	-200°C to +350°C
Accuracy	Class 1: ±0.5°C or ±0.4% ; Class 2: ±1.0°C or ±0.75%
Wire Gauge	24 AWG, 20 AWG
Insulation	PTFE, fiberglass, or metal sheathed
Connector	Miniature flat pin (ANSI)
Standards	IEC 60584, ASTM E230

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-161 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/consumables

CONSUMABLES & SPARES

REF KR-162

Thermocouple Type E (Chromel/Constantan)

Thermocouple Type E (Chromel/Constantan) is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Type	E (Chromel / Constantan)
Temperature Range	-200°C to +900°C
Accuracy	Class 1: ±1.5°C or ±0.4% ; Class 2: ±2.5°C or ±0.75%
Wire Gauge	24 AWG, 20 AWG
Insulation	PTFE, fiberglass, ceramic
Connector	Miniature flat pin (ANSI)
Standards	IEC 60584, ASTM E230

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-162 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/consumables

CONSUMABLES & SPARES

REF KR-163

Thermocouple Type N (Nicrosil/Nisil)

Thermocouple Type N (Nicrosil/Nisil) is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Type	N (Nicrosil / Nisil)
Temperature Range	-200°C to +1250°C
Accuracy	Class 1: ±1.5°C or ±0.4% ; Class 2: ±2.5°C or ±0.75%
Wire Gauge	24 AWG, 20 AWG
Insulation	Ceramic, fiberglass, metal sheathed
Connector	Miniature flat pin (ANSI)
Standards	IEC 60584, ASTM E230

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

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

CONSUMABLES & SPARES

REF KR-164

Thermocouple Type R (Platinum-13% Rhodium/Platinum)

Thermocouple Type R (Platinum-13% Rhodium/Platinum) is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Type	R (Pt-13%Rh / Pt)
Temperature Range	0°C to +1600°C (continuous) ; up to +1760°C (short term)
Accuracy	Class 1: ±1.0°C or ±0.25% ; Class 2: ±1.5°C or ±0.5%
Wire Gauge	24 AWG, 20 AWG
Insulation	Ceramic, high?temperature fiber, or alumina
Connector	Flat pin or bare wires
Standards	IEC 60584, ASTM E230

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-164 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/consumables

CONSUMABLES & SPARES

REF KR-165

Thermocouple Type S (Platinum-10% Rhodium/Platinum)

Thermocouple Type S (Platinum-10% Rhodium/Platinum) is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Type	S (Pt-10%Rh / Pt)
Temperature Range	0°C to +1600°C (continuous) ; up to +1760°C (short term)
Accuracy	Class 1: ±1.0°C or ±0.25% ; Class 2: ±1.5°C or ±0.5%
Wire Gauge	24 AWG, 20 AWG
Insulation	Ceramic, alumina, high?temperature fiber
Connector	Flat pin or bare wires
Standards	IEC 60584, ASTM E230

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-165 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/consumables

CONSUMABLES & SPARES

REF KR-166

Thermocouple Type B (Platinum-30% Rhodium/Platinum-6% Rhodium)

Thermocouple Type B (Platinum-30% Rhodium/Platinum-6% Rhodium) is designed for reliable laboratory measurement, research, quality control, and process-development applications.



TECHNICAL SPECIFICATIONS

Type	B (Pt-30%Rh / Pt-6%Rh)
Temperature Range	0°C to +1800°C (continuous) ; up to +1820°C (short term)
Accuracy	Class 1: ±1.0°C or ±0.25% ; Class 2: ±1.5°C or ±0.5%
Wire Gauge	24 AWG, 20 AWG
Insulation	Ceramic, alumina, high?temperature fiber
Connector	Flat pin or bare wires
Standards	IEC 60584, ASTM E230

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-166 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/consumables

CONSUMABLES & SPARES

REF KR-167

Needle Valve - Stainless Steel 316 (1/4" to 1")

Needle Valve - Stainless Steel 316 (1/4" to 1") supports gas isolation, flow control, reactors, and laboratory equipment.



TECHNICAL SPECIFICATIONS

Material	SS316 (body and stem)
Connection	Female NPT, BSPT, or compression (1/4" to 1")
Pressure Rating	Up to 6000 psi (414 bar) @ 20°C
Temperature Range	-29°C to +232°C (PTFE packing) ; up to +538°C with graphite packing
Flow Coefficient (Cv)	0.2 to 2.0 (depending on size)
Stem Type	V?tip or blunt tip for fine control
Packing	PTFE, graphite, or Grafoil

APPLICATIONS

Laboratory vacuum - Temperature control - Gas supply - Pressure testing - Process utilities

INDUSTRIES

Laboratories - Chemicals - Pharmaceuticals - Energy - Industrial R&D

TYPICAL USE CASES

Reactor support - Solvent evaporation - Gas compression - Temperature-controlled experiments

ADVANTAGES

Purpose-built laboratory integration and controlled operation versus generic utility equipment

ORDERING INFORMATION

Quote the reference KR-167 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/consumables

CONSUMABLES & SPARES REF KR-168

Needle Valve - Brass (1/8" to 1")

Needle Valve - Brass (1/8" to 1") supports gas isolation, flow control, reactors, and laboratory equipment.



TECHNICAL SPECIFICATIONS

Material	Brass (body and stem)
Connection	Female NPT or compression (1/8" to 1")
Pressure Rating	Up to 1000 psi (69 bar) @ 20°C
Temperature Range	-18°C to +121°C
Flow Coefficient (Cv)	0.1 to 1.5
Stem Type	V?tip
Packing	PTFE

APPLICATIONS

Laboratory vacuum - Temperature control - Gas supply - Pressure testing - Process utilities

INDUSTRIES

Laboratories - Chemicals - Pharmaceuticals - Energy - Industrial R&D

TYPICAL USE CASES

Reactor support - Solvent evaporation - Gas compression - Temperature-controlled experiments

ADVANTAGES

Purpose-built laboratory integration and controlled operation versus generic utility equipment

ORDERING INFORMATION

Quote the reference KR-168 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/consumables

CONSUMABLES & SPARES REF KR-169

Needle Valve - Inconel (1/4" to 1")

Needle Valve - Inconel (1/4" to 1") supports gas isolation, flow control, reactors, and laboratory equipment.



TECHNICAL SPECIFICATIONS

Material	Inconel 400 (body and stem)
Connection	Female NPT or compression (1/4" to 1")
Pressure Rating	Up to 5000 psi (345 bar) @ 20°C
Temperature Range	-40°C to +315°C
Flow Coefficient (Cv)	0.2 to 1.8
Stem Type	V?tip or blunt tip
Packing	Grafoil or PTFE

APPLICATIONS

Laboratory vacuum - Temperature control - Gas supply - Pressure testing - Process utilities

INDUSTRIES

Laboratories - Chemicals - Pharmaceuticals - Energy - Industrial R&D

TYPICAL USE CASES

Reactor support - Solvent evaporation - Gas compression - Temperature-controlled experiments

ADVANTAGES

Purpose-built laboratory integration and controlled operation versus generic utility equipment

ORDERING INFORMATION

Quote the reference KR-169 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/consumables

CONSUMABLES & SPARES

REF KR-170

Ball Valve - 2-Way, Stainless Steel 316 (1/4" to 1")

Ball Valve - 2-Way, Stainless Steel 316 (1/4" to 1") supports gas isolation, flow control, reactors, and laboratory equipment.



TECHNICAL SPECIFICATIONS

Type	2?way, floating ball design
Material	SS316 (body, ball, stem)
Connection	Female NPT, BSPT, or socket weld (1/4" to 1")
Pressure Rating	Up to 1000 psi (69 bar) @ 20°C (Class 150/300)
Temperature Range	-29°C to +232°C (PTFE seats) ; up to +538°C with metal seats
Port	Full port or reduced port
Seat Material	PTFE, PEEK, or metal
Actuation	Lever handle or gear operator

APPLICATIONS

Laboratory vacuum - Temperature control - Gas supply - Pressure testing - Process utilities

INDUSTRIES

Laboratories - Chemicals - Pharmaceuticals - Energy - Industrial R&D

TYPICAL USE CASES

Reactor support - Solvent evaporation - Gas compression - Temperature-controlled experiments

ADVANTAGES

Purpose-built laboratory integration and controlled operation versus generic utility equipment

ORDERING INFORMATION

Quote the reference KR-170 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/consumables

CONSUMABLES & SPARES REF KR-171

Ball Valve - 2-Way, Hastelloy C276 (1/4" to 1")

Ball Valve - 2-Way, Hastelloy C276 (1/4" to 1") supports gas isolation, flow control, reactors, and laboratory equipment.



TECHNICAL SPECIFICATIONS

Type	2?way, floating ball design
Material	HC276 (body, ball, stem)
Connection	Female NPT, BSPT, or socket weld (1/4" to 1")
Pressure Rating	Up to 1000 psi (69 bar) @ 20°C (Class 150/300)
Temperature Range	-29°C to +232°C (PTFE seats) ; up to +538°C with metal seats
Port	Full port or reduced port
Seat Material	PTFE, PEEK, or metal
Actuation	Lever handle or gear operator

APPLICATIONS

Laboratory vacuum - Temperature control - Gas supply - Pressure testing - Process utilities

INDUSTRIES

Laboratories - Chemicals - Pharmaceuticals - Energy - Industrial R&D

TYPICAL USE CASES

Reactor support - Solvent evaporation - Gas compression - Temperature-controlled experiments

ADVANTAGES

Purpose-built laboratory integration and controlled operation versus generic utility equipment

ORDERING INFORMATION

Quote the reference KR-171 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.

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CONSUMABLES & SPARES

REF KR-172

Ball Valve - 2-Way, Inconel 625 (1/4" to 1")

Ball Valve - 2-Way, Inconel 625 (1/4" to 1") supports gas isolation, flow control, reactors, and laboratory equipment.



TECHNICAL SPECIFICATIONS

Type	2?way, floating ball design
Material	Inconel 625 (body, ball, stem)
Connection	Female NPT, BSPT, or socket weld (1/4" to 1")
Pressure Rating	Up to 1000 psi (69 bar) @ 20°C (Class 150/300)
Temperature Range	-29°C to +232°C (PTFE seats) ; up to +538°C with metal seats
Port	Full port or reduced port
Seat Material	PTFE, PEEK, or metal
Actuation	Lever handle or gear operator

APPLICATIONS

Laboratory vacuum - Temperature control - Gas supply - Pressure testing - Process utilities

INDUSTRIES

Laboratories - Chemicals - Pharmaceuticals - Energy - Industrial R&D

TYPICAL USE CASES

Reactor support - Solvent evaporation - Gas compression - Temperature-controlled experiments

ADVANTAGES

Purpose-built laboratory integration and controlled operation versus generic utility equipment

ORDERING INFORMATION

Quote the reference KR-172 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/consumables

CONSUMABLES & SPARES

REF KR-173

Pressure transmitter - (1/4" to 1")

Digital pressure sensor/transmitter - (1/4" to 1") supports pressure monitoring and control, flow control, reactors, and laboratory equipment.



TECHNICAL SPECIFICATIONS

Type	Digital pressure sensor
Material	SS316, Hastelloy C276
Connection	Male NPT, socket, or union (1/4" to 1")
Pressure Rating	100 bar / 200 bar / 350 bar / 600 bar @ 80°C
Temperature Range	-10°C to +80°C
Port	Full port
Features	Corrosion?resistant, lightweight, low cost

APPLICATIONS

Laboratory vacuum - Temperature control - Gas supply - Pressure testing - Process utilities

INDUSTRIES

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TYPICAL USE CASES

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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

- The exact instrument model and serial number the part fits.
- Material of construction and the chemistry it must survive.
- Pressure and temperature the part is exposed to in service.
- Consumption rate per year so a stocking level can be agreed.
- Whether traceability or certification is needed for the batch.
- Any change in process conditions since the original purchase.

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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Phone	+91-74000-43303
Website	www.krivalis.com
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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.