KRIVALIS™

FLOW MONITORING CATALOGUE

Flow Monitoring & Gas Detection

Digital flow meters, gas monitors, detectors and calibration systems for safe, measurable gas handling.

2026-27 EDITION | KRIVA LAB INSTRUMENTS

100+	120+	98%
CLIENTS	COUNTRIES	SATISFACTION

Flow and gas monitoring instruments for laboratories, pilot plants and industrial sites, from digital meters to fixed detection with alarm logic. - 9 catalogue items, 1 platforms.

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.

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.

This catalogue covers the Flow Monitoring portfolio: 9 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-86) when requesting a quotation.

FLOW MONITORING

KR-86	KC3000 Gas Mass Flow Meter	2,5,10,20,50,100,200,500...	-	4
KR-87	KC4000 Gas Mass Flow Meter	2,3,4,5,10,20,30,40,50...	-	5
KR-89	KC4700 Gas Mass Flow Meter	10 sccm to 1000 SLPM...	-	6
KR-90	KC5000 Gas Mass Flow Meter	0.15 ~ 800 SLPM (various...	-	7
KR-91	KC5100 Gas Mass Flow Meter	0 ~ 30, 50, 100 SLPM	-	8
KR-92	KC5200 Gas Mass Flow Meter	Various	-	9
KR-93	KC5600 Gas Mass Flow Meter	200,300,600,800 SLPM	-	10
KR-94	KC5700 Gas Mass Flow Meter	20,100,250,500 SLPM	-	11
KR-95	KC5900 Gas Mass Flow Meter	250,1200,2500,4500 SLPM	-	12

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

FLOW MONITORING

REF KR-86

KC3000 Gas Mass Flow Meter

KC3000 Gas Mass Flow Meter provides digital gas flow measurement for laboratory, medical, and process applications.



TECHNICAL SPECIFICATIONS

Flow Range	2,5,10,20,50,100,200,500,1000,1500 SLPM
Accuracy	±(2.5+0.5FS)%
Response Time	10 msec
Power Supply	8~24 Vdc
Output	RS485 / I2C / Analog 4~20 mA / 1~5 Vdc / NPN/PNP
Pressure Rating	0.8 MPa

APPLICATIONS

Gas monitoring - Laboratory instrumentation - Medical devices - Process control - Energy management

INDUSTRIES

Medical - Laboratories - Chemicals - Energy - Industrial automation

TYPICAL USE CASES

Gas consumption monitoring - Equipment feedback - Process verification - Leak detection

ADVANTAGES

Digital output, fast response, and compact integration versus conventional rotameters

ORDERING INFORMATION

Quote the reference KR-86 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/flow-monitoring

FLOW MONITORING

REF KR-87

KC4000 Gas Mass Flow Meter

KC4000 Gas Mass Flow Meter provides digital gas flow measurement for laboratory, medical, and process applications.

TECHNICAL SPECIFICATIONS

Flow Range	2,3,4,5,10,20,30,40,50 SLPM
Accuracy	±(1.5+0.15FS)%
Response Time	10 msec
Power Supply	8~24 Vdc
Output	Analog 1~5 Vdc / RS485 / RS232 / I2C
Pressure Rating	0.8 MPa



APPLICATIONS

Gas monitoring - Laboratory instrumentation - Medical devices - Process control - Energy management

INDUSTRIES

Medical - Laboratories - Chemicals - Energy - Industrial automation

TYPICAL USE CASES

Gas consumption monitoring - Equipment feedback - Process verification - Leak detection

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FLOW MONITORING

REF KR-89

KC4700 Gas Mass Flow Meter

KC4700 Gas Mass Flow Meter provides digital gas flow measurement for laboratory, medical, and process applications.



TECHNICAL SPECIFICATIONS

Flow Range	10 sccm to 1000 SLPM (various models)
Accuracy	±(2.0+0.5FS)%
Response Time	10 msec
Power Supply	8~24 Vdc
Output	Analog 4~20 mA / 0.5~4.5 Vdc / RS485
Pressure Rating	1.0 MPa

APPLICATIONS

Gas monitoring - Laboratory instrumentation - Medical devices - Process control - Energy management

INDUSTRIES

Medical - Laboratories - Chemicals - Energy - Industrial automation

TYPICAL USE CASES

Gas consumption monitoring - Equipment feedback - Process verification - Leak detection

ADVANTAGES

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Quote the reference KR-89 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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FLOW MONITORING

REF KR-90

KC5000 Gas Mass Flow Meter

KC5000 Gas Mass Flow Meter provides digital gas flow measurement for laboratory, medical, and process applications.



TECHNICAL SPECIFICATIONS

Flow Range	0.15 ~ 800 SLPM (various models)
Accuracy	±(1.5+0.5FS)%
Power Supply	12~24 Vdc
Output	RS485 Modbus / 4~20 mA
Pressure Rating	1.5 MPa
Hazardous Rating	Ex ia IIC T4 Gb

APPLICATIONS

Gas monitoring - Laboratory instrumentation - Medical devices - Process control - Energy management

INDUSTRIES

Medical - Laboratories - Chemicals - Energy - Industrial automation

TYPICAL USE CASES

Gas consumption monitoring - Equipment feedback - Process verification - Leak detection

ADVANTAGES

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ORDERING INFORMATION

Quote the reference KR-90 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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FLOW MONITORING

REF KR-91

KC5100 Gas Mass Flow Meter

KC5100 Gas Mass Flow Meter provides digital gas flow measurement for laboratory, medical, and process applications.

TECHNICAL SPECIFICATIONS

Flow Range	0 ~ 30, 50, 100 SLPM
Accuracy	±1.5% reading
Repeatability	0.5%
Power Supply	D-Cell lithium ion / 12~24 Vdc external
Output	LCD / RS485 / 4~20 mA / Pulse / 0~5 Vdc
Pressure Rating	1.0 MPa



APPLICATIONS

Gas monitoring - Laboratory instrumentation - Medical devices - Process control - Energy management

INDUSTRIES

Medical - Laboratories - Chemicals - Energy - Industrial automation

TYPICAL USE CASES

Gas consumption monitoring - Equipment feedback - Process verification - Leak detection

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FLOW MONITORING

REF KR-92

KC5200 Gas Mass Flow Meter

KC5200 Gas Mass Flow Meter provides digital gas flow measurement for laboratory, medical, and process applications.



TECHNICAL SPECIFICATIONS

Flow Range	Various
Accuracy	±(2.0+0.5FS)%
Response Time	10 msec
Power Supply	8~24 Vdc
Output	RS485 Modbus / 4~20 mA / wireless options
Pressure Rating	0.8 MPa

APPLICATIONS

Gas monitoring - Laboratory instrumentation - Medical devices - Process control - Energy management

INDUSTRIES

Medical - Laboratories - Chemicals - Energy - Industrial automation

TYPICAL USE CASES

Gas consumption monitoring - Equipment feedback - Process verification - Leak detection

ADVANTAGES

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ORDERING INFORMATION

Quote the reference KR-92 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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FLOW MONITORING

REF KR-93

KC5600 Gas Mass Flow Meter

KC5600 Gas Mass Flow Meter provides digital gas flow measurement for laboratory, medical, and process applications.

TECHNICAL SPECIFICATIONS

Flow Range	200,300,600,800 SLPM
Accuracy	±(1.5+0.5FS)%
Power Supply	12~24 Vdc
Output	RS485 / 4~20 mA / Pulse
Pressure Rating	1.0 MPa



APPLICATIONS

Gas monitoring - Laboratory instrumentation - Medical devices - Process control - Energy management

INDUSTRIES

Medical - Laboratories - Chemicals - Energy - Industrial automation

TYPICAL USE CASES

Gas consumption monitoring - Equipment feedback - Process verification - Leak detection

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FLOW MONITORING

REF KR-94

KC5700 Gas Mass Flow Meter

KC5700 Gas Mass Flow Meter provides digital gas flow measurement for laboratory, medical, and process applications.



TECHNICAL SPECIFICATIONS

Flow Range	20,100,250,500 SLPM
Accuracy	±(2.0+0.5FS)%
Response Time	<2 sec on battery
Power Supply	4-AA batteries / 5~24 Vdc
Output	RS485 Modbus
Wireless	LoRa / CAT-M / NB-IoT / BT LE / WiFi

APPLICATIONS

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INDUSTRIES

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TYPICAL USE CASES

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FLOW MONITORING REF KR-95

KC5900 Gas Mass Flow Meter

KC5900 Gas Mass Flow Meter provides digital gas flow measurement for laboratory, medical, and process applications.

TECHNICAL SPECIFICATIONS

Flow Range	250,1200,2500,4500 SLPM
Accuracy	±(1.5+0.25FS)%
Response Time	200 msec
Power Supply	8~24 Vdc
Output	RS485 Modbus / 4~20 mA
Pressure Rating	1.0 MPa
Protection	IP66 (NEMA 4x)



APPLICATIONS

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INDUSTRIES

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TYPICAL USE CASES

Gas consumption monitoring - Equipment feedback - Process verification - Leak detection

ADVANTAGES

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ORDERING INFORMATION

Quote the reference KR-95 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/flow-monitoring

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

- Gas type, normal flow and the turndown ratio required.
- Whether the reading must be local, retransmitted, or logged.
- Alarm requirements: relay contacts, audible/visual, or integration with a BMS.
- Environmental conditions: temperature, humidity, dust, hazardous area classification.
- Calibration gas availability and the calibration interval.
- Mounting orientation, line size and connection standard.

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

Email	sales@krivalis.com
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.