



KIMPEX FLOW PRIVATE LIMITED

**Embracing Innovation
Engineering Excellence**



**INDIA'S MOST
TRUSTED GAS SOLUTIONS
MANUFACTURER**



BIOGAS / MULTI GAS ONLINE ANALYZER

Make : Kimpex Flow, India

Model : KF-BIO-2025 / KF-MULTIGAS-2025



SPECIFICATION:

Detection Method	Suction/Pressurised (depend on application)
Display	7 Inch Multi Colour Graphical Display
Set Point	AL1 & AL2 with LED indication facility
Accuracy	± 2% FSD
Repeatability	± 3% FSD
Zero Drift	+/- 2% FSD per year maximum
Warm up time	180 Sec.
Alarm Level	Adjustable from 0 to 99% of full Range for each sensor
Over Range Fault	Display shows 'Over Range' for each sensor
Sensor Open Fault	Display shows 'Sensor Fail' for each sensor
Signal Output	4-20 mA Analog

OPTIONAL

Alarm Relay's	SPDT (rating 10A at 230VAC / 10A at 30VDC)
Fault Relay	SPDT (rating 10A at 230VAC / 10A at 30VDC)
Relay configuration options	Latching or non-latching
Modbus Output	RS485 Communication

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	40 deg. C. to + 50 deg. C
Storage Temperature	0 deg. C. to + 50 deg. C
Operating Humidity	10 % to 90 % RH Non-Condensing

ELECTRICAL SPECIFICATIONS

Operating Supply Voltage	230 VAC 50 Hz (110 VAC 60 Hz available)
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PANEL SPECIFICATIONS

Panel MOC	MS / SS / CRCA / GRP
Panel Accessories	Suction Pump, Filters, Flow Meter, Solenoid Valve, Rotameter, Isolation Valve, Moisture & Dust Filter

PANEL SPECIFICATIONS

Gas	Sensor Type	Range	Resolution	Accuracy
CH ₄	NDIR	0-100% V/V	0.1 +/- 2%	+/- 2%
CO ₂	NDIR	0-100% V/V	0.1 +/- 2%	+/- 2%
H ₂ S	Electrochemical	0-1000 PPM	1 +/- 2%	+/- 2%
O ₂	Electrochemical	0-25% V/V	1 +/- 2%	+/- 2%
NH ₃	Electrochemical	0-1000 PPM	1 +/- 2%	+/- 2%
H ₂	Electrochemical / Catalytic	0-2000 PPM / 0-100% LEL	1 +/- 2%	+/- 2%
CO	Electrochemical	0-1000 PPM	1 +/- 2%	+/- 2%
Dew Point	Capacitive Thin Film Polymer	-60 to +30 °C	1 °C	+/- 2%

APPLICATIONS

- Greenhouse Gas Measurement
- Biogas Plant (Purified Gas / Raw Gas)
- Effluent / Sewerage Treatment Plants
- Methane Recovery
- Steel & Aluminium Plants
- Oil & Gas Sector
- Chemical & Fertilizer Sector
- Hydrogen Purity





CONTACT US

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📍 **Corporate office:**

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GST No- 07AADCK9298A1ZD

📍 **Factory :**

Plot no- 224, Ecotech- 1 Extension,
Greater Noida (U.P)- 301208
GST No- 09AADCK9298A1Z9