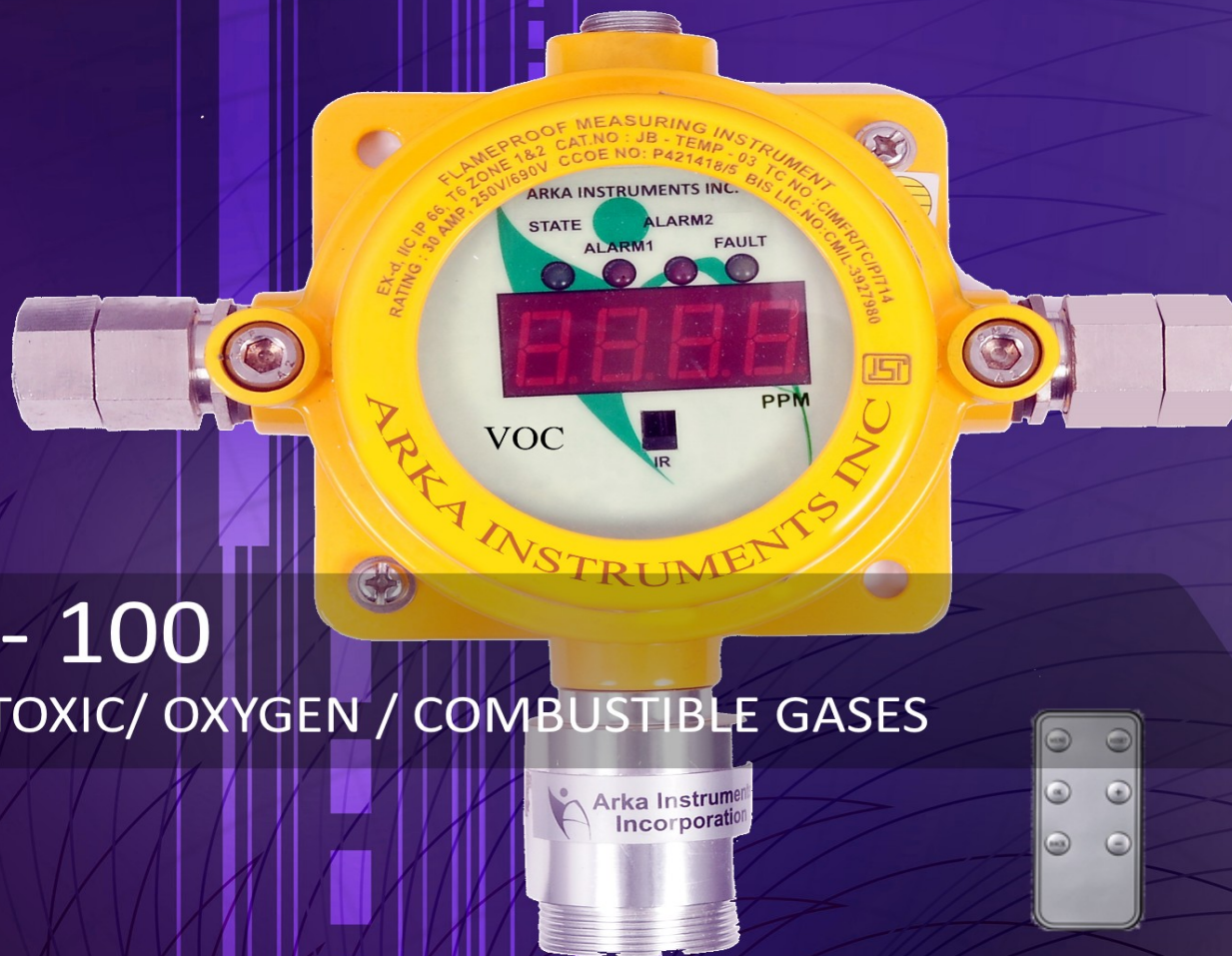


Fixed Gas Detectors



AI - 100

For TOXIC/ OXYGEN / COMBUSTIBLE GASES

Features

- Uses top brand sensors, and advanced micro-process technology and with data display, fast response, high precision and good stability, our AI-95H fixed gas detectors are ideal for TOXIC/ OXYGEN/ COMBUSTIBLE GASES detection.
- 24h continuously monitoring, data with real-time display.
- Non-contacted control the device, With infrared ray controller, which can remote control alarm point settings, zero calibration, and address modification.
- Diversified output signals with standard 4-20mA current signal and RS485 digital signal outputs.
- Can be installed with computer software, to transmit the data to computer
- With Self-calibration and zero calibration functions, makes the detection more accurate and reliable.
- High and Low Alarm LED interface indication
- Simple & User friendly setup which allow simplest servicing and low maintenance

Specifications

Accuracy

±0.1% of Full Scale (or) ± 1 count

Display

4 Digit LED Display

Precision

±3%F.S. (higher precision is available)

Zero shift

±1 % (F.S./year)

Install Method

Wall-mounted, piping type, flow-type

Output signal

4-20mA, 1-5V, RS485, relays

Temperature

-20C ~ 50C

Humidity

0-95%RH (non-condensing)

Degree of protection

IP65

Power

12-36V DC

Dimensions

180×150×90mm

Warranty

12 month

Gas Detectors list with Range, Accuracy, Resolution and Response Time

Targetgas	Range	Accuracy	Least Count	Response Time
O2	0-30%Vol	<±2%(F.S)	0.01%Vol	≤15
H2S	0-1000ppm	<±2%(F.S)	1ppm	≤15
CO	0-1000ppm	<±2%(F.S)	1ppm	≤25
H2	0-100% Vol	<±2%(F.S)	0.01%VOL	≤15
CO2	0-10000ppm	<±2%(F.S)	1ppm	≤40
LEL	0-100% Vol	<±2%(F.S)	0.01%VOL	≤15
C2H4	0-100ppm	<±2%(F.S)	0.01ppm	≤60
NO2	0-20.0ppm	<±2%(F.S)	0.1ppm	≤25
N2	0-100%VOL	<±2%(F.S)	0.01%VOL	≤40
VOC/ TVOC	0-1000ppm	<±2%(F.S)	1ppm	≤60
NH3	0-100ppm	<±2%(F.S)	0.01ppm	≤40
LPG	0-100% LEL	<±2%(F.S)	0.01%VOL	≤15
AsH3	0-10.00ppm	<±2%(F.S)	0.01ppm	≤30
C3H3N	0-200.0ppm	<±2%(F.S)	0.1ppm	≤40
F2	0-10 ppm	<±2%(F.S)	0.01ppm	≤25
O3	0-5.00ppm	<±2%(F.S)	0.01ppm	≤50
CL2	0-10.00ppm	<±2%(F.S)	0.01ppm	≤60
BF3	0-10.00ppm	<±2%(F.S)	0.01ppm	≤60

*Kindly mention the gases other than the listed, can be available on request.

Application

- Petrochemical & Chemical Industry
- Food & Pharmaceutical Industry
- Municipal Engineering & Utilities
- Agricultural & Environmental
- Electronic and Other Industries



Hyderabad Office: H. no : 08-041/1, Plot no 132, N C L Enclave, Kompally, Hyderabad, Telangana, India - 500067.

Visakhapatnam Office: Plot No. HIG-19, 1st Floor, Mithra Residency, Phase-3, Dockyard Colony, Rajivnagar, Kurmannapalem, Visakhapatnam - 530046

✉ admin@arkainstruments.com

🌐 www.arkainstruments.com

☎ +91 81438 12346