INOSYS
Life-Saving Innovations

Remote Laser Methane Detector

Easier to use, only one button, without the setting and status, just put this "flashlight" to the inspection target,

Portable Natural Gas Leak Detection

Benefits:

- Precise Range Measurement
- Total Selectivity In Methane
- Very short response time
- Automatic self-test at start-up
- Use GPS/Bluetooth Communication

Item:	
Measure Principle	Laser Absorption Spectroscopy
Static Detection Limitation	5ppm.m
Respond Time	0.1s
Sample Frequency	100KHz
Measure Range	0-100,000ppm-m
Maximum Detection Distance	100m
Hoasing	All-Metal CNC Machine Body
Battery	Li-ion, 8 hours
Software	Alpha One
Detection Object	Methane (CH4)
Laser for Detection	Class I, eyesafe laser
Laser for Indicator	Class IIIR, no direct vision or viewing
Protection Level	IP68
Explosion Proof	Exib IIA T4 Gb
Operation Temperature	-20~50 degree
Operation Humidity	<90%RH, no condensation
Size	170x52x52mm
Weight	0.38 kg

Specification	Hatef-C4
Measurement Range	~ 10 – 10000 ppm
Sensitivity	~ 0.5ppm
Detection Threshold	1 ppm
Response Time	4 seconds
Display	Wide backlit LCD screen / Matrix 128 x 240
Operating Condition	Temperature: -25 ~ +55 ℃
Power Supply	Rechargeable Battery Pack: 3 x 1.2 V – 4000 A/h NiCd
Output of the electric pump	35 l/h (on speed 1) et 70 l/h (on speed 2)
Status indicators	Battery charge level, pump status Measuring Mode
Protection Level	IP65 ,Atex
Dimensions	263 x 141 x 140 mm
Weight	1.7 kg

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Portable Toxic and Harmful Gas Detector

Arbitrary combination of 1 ~ 4 types of gases, such as toxic gases, oxygen gas, carbon dioxide, inflammable and explosive gases, TVOC.

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Intelligent Fixed Gas Detector

Online Series gas detector can be used in 24 hours continuous online monitoring of concentrations of multiple types of gases in the field. The types for detection are more than 500 types. With a 4-20 mA analog output, can be simply integrated into a Distributed Control System (DCS) to provide warnings

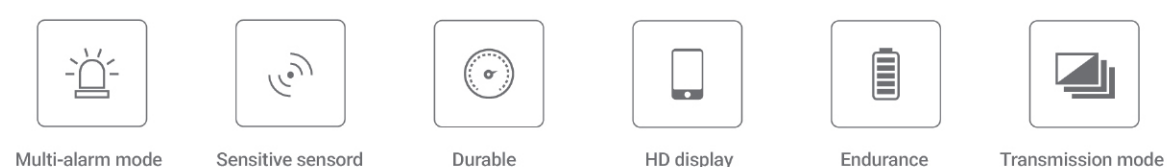| Size	160*70*28mm(L*H*W)
Weight	300g
Operating Temp	Temperature -40 ~ +70 , Humidity up to 90%
Alarms	Generate Highly Audibale Alarms in noisy areas for: Explosion %LEL Alarms Low Battery
Response Time	Fast Response
Allowable Error	≤±3%F.S
Battery	Rechargeable Battery with AC Adapter, 8-10 hours Continues Operation
Data Storage	100000 Data
IP Protection	IP65
Gas Type Detection	CH4, Flammable Gas, O2
Detection Principle	IR Sensor for 0 – 100000ppm IR sensor for LEL 0-100%LEL IR Sensor for VOL 0-100@VOL
Measurement Modes	Automatic and Manual Mode PPM(0-10000) LEL(0-9.9%&(10-100)%) VOLUME (0-100%)
Accuracy	PPM +/-2% LEL+/-2% VOLUME +/-2%

Gas	CO2, O2, CH4, H2S	
Range	0-50000PPM; 0-100%LEL; 0-100%Vol.	
Size	210x 170x85mm (LxHxW)	
Installation Method	Pipeline Mount Wall Mounting Type	
Temp	Humidity: 10 - 95% RH (regular)	-40C~+70C
Certifications	IP65, ATEX	
LCD	1.7" High Definition color Screen	
Weight	1.8 Kg	
Supply Voltage	12-30 V DC Direct Current, Standard Power Supply 24V @ 1A	

Multi-alarm mode	Sensitive sensod	Durable	HD display	Endurance	Transmission mode

Target industries