G Series

Portable Detector

G10 Portable Laser Gas Detector
G10V Electric-Bicycle-Mounted Laser Methane Inspection System
G10E Laser Ethane Identification Device

G10
Fast Disassembly and Installation with Trolley

CPA

Nationally approved metrological instruments, with accurate and reliable measurements,and clear traceability of metrological standards.

1 ppm Static Detection Limit

0.1 s Response Time

Laser technology provides better detection performance and long service life that traditional equipments don't have; Combined with mature sampling methods by a trolley or a probe, it makes leak detection rapider and more accurate.

Auto

With the built-in gas reference, the unit can continuously self-calibrate during operation to ensure accurate detection. Full-range detection supports readings of concentration in ppm, % LEL and %VOL.

G10V
Electric Bicycle Installation

Equipped with the gas pump with a higher flow and efficient filtering system, G10 can be mounted on an electric bicycle. Combined to be a flexible and convenient low-speed inspection platform G10V, by additionally using a L series remote detector.

AlphaOne Intelligent Inspection app
Record inspection routes, alarm points and note points. Generate a report after inspection.
Support system integration with outside or customer's network platform.

C_2H_6

Laser technology can detect the ethane, and output the accurate concentration value in a shorter detection time.
Meanwhile, you can refer to the detected methane concentration, and identify whether the leakage is from the natural gas according to the gas proportion.

Traditional Chromatographic Product	Laser Ethane Product
Several minutes for analysis time	Real-time analysis
Qualitative measurement	Quantitative measurement
Graphic output	Direct display of concentration value
Replace key parts every three years	10-year service life for key parts

G10

Model	G10	Detection Subject	Methane (CH4)
Measuring Principle	Laser Absorption Spectrum	Display Unit	ppm, %LEL, %VOL
Static Detection Limit	0.5 ppm	Explosion-proof Grade	Exib IIA T3 Gb
Response Time	0.1 s	Operating Temperature	-20 ~ 50 ℃
Concentration Range	0~100% VOL	Operating Humidity	< 98%RH, no condensation
Enclosure Protection Class	IP66	Main Unit Dimension	208 x 78 x 53 mm
Power Supply and Endurance	Lithium battery >10h	Main Unit Weight	1.1 kg
Accessories	Strap, hand-held probe	Optional Accessories	Bell-shaped probe, trolley

G10V

Model	G10V	Detection Subject	Methane (CH4)
Measuring Principle	Laser Absorption Spectrum	Display Unit	ppm, %LEL, %VOL
Static Detection Limit	0.5 ppm	Explosion-proof Grade	Exib IIA T3 Gb
Response Time	0.1 s	Operating Temperature	-20 ~ 50 ℃
Concentration Range	0~100% VOL	Operating Humidity	< 98%RH, no condensation
Enclosure Protection Class	IP66	Main Unit Dimension	208 x 78 x 53 mm
Power supply and endurance	Lithium battery >10h	Main Unit Weight	1.1 kg
Accessories	Rapid sniffer accessory, inspection terminal	Optional Accessories	Hand-held probe, electric bicycle

G10E

Model	G10E	Detection Subject	Ethane (C2H6) | Methane (CH4)
Measuring Principle	Laser Absorption Spectrum	Display Mode	Direct value display (ppm)
Static Detection Limit	5 ppm (Ethane) I 0.I%VOL	Explosion-Proof Grade	Exib IIC T3 Gb
Response Time	0.1 s	Operating Temperature	-20 ~ 50 ℃
Concentration Range	0~10,000ppm(Ethane) | 0~100%VOL(Methane)	Operating Humidity	< 98%RH, no condensation
Enclosure Protection Class	IP66	Main Unit Dimension	208 x 78 x 53 mm
Power supply and Endurance	Lithium battery >10h	Main Unit Weight	1.2 kg
Accessories	Strap, hand-held probe	Optional Accessories	E-Bicycle-mounted bracket