



# Portable infrared gas detector LIGD-A10



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Portable infrared gas detector LIGD-A10 is a hand-held SF<sub>6</sub> (sulfur hexafluoride) Gas detector for continuous measurement of gas. Adopted with imported gas infrared sensor, it utilizes unique method of data processing. Light emitting organic matter OLED screen, gives clear display in absence of light and when operated during dark. With Non-dispersive infrared (NDIR) principle, the detection resolution of leakage can reach up to 0.1ppm.

## Features

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- ✔ Zero drift automatic modification
- ✔ Imported with long shelf life sensors
- ✔ Instant response and recovery rate
- ✔ Multi-level speech and light alarm
- ✔ High sensitivity data
- ✔ USB or AC adopter charging mode
- ✔ Data Analysis, reading by PC software through USB
- ✔ Storage and inquiry of measurement data

## Applications

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Nano spectrophotometer are used in detection of micro volume quantities of DNA/RNA and chemicals , liquids and its components in laboratory, food industries, chemistry, microbiology, medicine research and development.

## Specifications

<b>Model no.</b>	<b>LIGD-A10</b>
Measurement principle	Non-dispersive infrared (NDIR)
Gas Detected	SF6: 0 to 50 ppm range/ 0 to 1000 ppm range (as per req.)
Detection Uncertainty	<1.5 % F.S
Detection Resolution	0.1ppm
Sampling mode	Pumping type
Probe unit rod length	22 cm
Response time	1 to 5 s
Warm-up time	100 s
Operation temperature	-10 to 60°C
Display	OLED self-luminous with low power consumption, high brightness
Power supply	4.2 V, internal lithium battery power supply, 2200 mAh
Shelf life	>10 years
Dimension	500 × 290 × 180 mm
Weight	700 g
HS Code	9027100090