



## **Portable infrared gas detector LD-LIGD-A10**

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# Portable infrared gas detector LD-LIGD-A10

## Overview

Portable infrared gas detector LIGD-A10 is a hand-held SF6 (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:

- 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:

Used to measure the gas leakage of switchgear, GIS, circuit breaker etc. in electronic industry, also used in greenhouse, painting, chemical industry.

## Specifications:

<b>Weight</b>	0.7 kg
<b>Display</b>	OLED self-luminous with low power consumption, high brightness
<b>HS Code</b>	9027100090
<b>Dimension</b>	500 × 290 × 180 mm
<b>Shelf life</b>	>10 years
<b>Gas Detected</b>	SF6: 0 to 50 ppm range/ 0 to 1000 ppm range (as per req.)
<b>Power supply</b>	4.2 V, internal lithium battery power supply, 2200 mAh
<b>Warm-up time</b>	100 s
<b>Response time</b>	1 to 5 s
<b>Sampling mode</b>	Pumping type
<b>Detection Resolution</b>	0.1ppm

<b>Detection Uncertainty</b>	<1.5 % F.S
<b>Measurement principle</b>	Non-dispersive infrared (NDIR)
<b>Operation temperature</b>	-10 to 60?
<b>Probe unit rod length</b>	22 cm