



Portable infrared gas detector LD-LIGD-A10

Labodam Equipment Ltd.
info@labodam.com | www.labodam.com

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:

Weight	0.7 kg
Display	OLED self-luminous with low power consumption, high brightness
HS Code	9027100090
Dimension	500 × 290 × 180 mm
Shelf life	>10 years
Gas Detected	SF ₆ : 0 to 50 ppm range/ 0 to 1000 ppm range (as per req.)
Power supply	4.2 V, internal lithium battery power supply, 2200 mAh
Warm-up time	100 s
Response time	1 to 5 s
Sampling mode	Pumping type
Detection Resolution	0.1ppm

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