



## **Handheld C<sub>2</sub>H<sub>4</sub> Ethylene Gas Detector LD-LEGD-A10**

**Labodam Equipment Ltd.**

**[info@labodam.com](mailto:info@labodam.com) | [www.labodam.com](http://www.labodam.com)**

# Handheld C<sub>2</sub>H<sub>4</sub> Ethylene Gas Detector LD-LEGD-A10

## Overview

Handheld C<sub>2</sub>H<sub>4</sub> Ethylene Gas Detector LEGD-A10 is a portable device with built-in sampling pump having a flow rate of 1 L/min. It meets IP-66 standards which makes it suitable for use in harsh environmental conditions. Rapid speed of sampling, high flow rate, least detection time, compact design, plastic housing, storage space, etc. are some of the features which ensures accurate results in few minutes. It is used in chemical industry, food industry, etc.

## Features:

- Highly precise sensors for accurate detection
- Water-proof, dust-proof, explosion-proof
- Response in less than 30s
- Options for units between ppm and mg/m<sup>3</sup>
- Automatic calibration mode
- Restore factory setting option
- Audio, visual alarm system
- Threshold values for alarm can be set
- 100000 sets can be stored and also re-viewed
- Data transfer through USB (optional)
- Long working hours and rechargeable battery
- Dense plastic housing
- Compact size and easy to use
- Aluminium case to carry the device

## Applications:

It is used to detect ethylene gas. Extensively used in brewing and fermentation industry, cold storage places, agricultural research, chemical labs, paper making industry, bio-pharmaceutical plant etc.

## Specifications:

<b>Gas</b>	Ethylene C <sub>2</sub> H <sub>4</sub>
<b>Alarm</b>	Sound, light, vibration
<b>Weight</b>	300 g
<b>Display</b>	LCD dot matrix display
<b>Gas Unit</b>	Units are switchable
<b>Humidity</b>	0 to 95 % RH
<b>Sampling</b>	With internal sampling pump, flow rate is up to 1 L/min, ten grades of pumping suction for selection
<b>Precision</b>	3 to 10% F.S.

<b>Dimensions</b>	205×75×32 mm
<b>Resolution</b>	1ppm
<b>Zero Shift</b>	? ± 1%?F.S./year?
<b>Temperature</b>	-20°C to 50°C
<b>Measure Range</b>	0 to 1000 ppm
<b>Recovery Time</b>	? 10 s
<b>Repeatability</b>	? ± 1%
<b>Response Time</b>	? 10 s
<b>Operating Time</b>	100 h (pump off)
<b>Linearity Error</b>	? ± 1%
<b>Degree of Protection</b>	IP-66