



**HANDHELD C<sub>2</sub>H<sub>4</sub> ETHYLENE GAS DETECTOR**

**LEGD-A10**

# HANDHELD C<sub>2</sub>H<sub>4</sub> ETHYLENE GAS DETECTOR LEGD-A10

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 1L/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  $\leq 30$ s
- 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

Model No	LEGD-A10
Sampling	With internal sampling pump, flow rate is up to 1L/min, ten grades of pumping suction for selection
Gas	Ethylene C <sub>2</sub> H <sub>4</sub>
Measure Range	0 to 1000 ppm
Resolution	1ppm
Precision	3 to 10% F.S.
Response Time	≤ 10S
Repeatability	≤ ± 1%
Zero shift	≤ ± 1% (F.S./year ?
Display	LCD dot matrix display
Temperature	-20°C to 50°C
Humidity	0 to 95%RH
Degree of protection	IP-66
Alarm	Sound, light, vibration
Recovery Time	≤ 10 S
Linearity error	≤ ± 1%
Gas unit	Units are switchable
Battery	3.6V 2300 mAh lithium polymer rechargeable battery, operate time is about 12h continuously, charging time: 4-6 h
Operating Time	100 h (pump off)
Dimensions	205×75×32 mm
Weight	300g

## OPTIONAL ACCESSORIES

- Data Logger