GL Sciences

Gas Chromatography Accessory

Gas Leak Detector | LD249

Compact, Easy-to Use

The LD249 Gas Leak Detector is a portable, handheld device equipped with a compact sensor, designed for quick and accurate gas leak detection. Utilizing the difference in thermal conductivity between air and gas, it instantly detects leaks and alerts you through an easy-to-read LCD display and audible alarms. The LD249 is user-friendly, making it ideal for detecting leaks during pipe installation or checking for leaks when connecting columns in gas chromatography.

Unlike traditional methods such as using Snoop, the LD249 does not risk contaminating pipes or columns. This makes it an excellent choice for applications where avoiding contamination, such as in gas chromatography, is crucial.

Features

Easy to Carry and Simple Operation
With a portable design, you can detect gas leaks easily. Simply place the probe near the detection area for instant confirmation of any leaks.

Capable of Detecting Various Gases
Not only can it detect gases with a significant difference in thermal conductivity from air, such as helium and carbon dioxide, but it can also detect nitrogen, which has a smaller difference and is more difficult to detect.

Dual Power Supply Design
In addition to standard battery operation, continuous operation via USB-C power supply is also possible. Even when the batteries run out, you can use it while supplying power from a PC's USB port or a mobile battery.
Note 1: USB cable is not included.
Note 2: USB power supply does not support charging functionality

Specifications

Cat.No.	2702-19355	
Model	LD249	
Detection Method	Comparison of the thermal conductivity between the sample gas and the reference gas (ambient air)	
Detectable Gases	Helium, Hydrogen, Carbon Dioxide, Argon, Neon, Nitrogen, etc.*	
Sensitivity (Minimum Detection Limit)	Std Range	Helium, 0.005 mL/min
	High Range	Helium, 0.0005 mL/min
Display	Color LCD	
Setting	Detection Range / Screen Brightness / Buzzer Volume / Auto Off	
Power	3 AA Alkaline Batteries / USB Power Supply	
Usage Environment	Temperature Range	10 - 40℃
	Humidity Range	10 - 80% (No Condensation)
	Altitude	2,000 m or below
	Pollution Degree	2
Dimensions	52(W) x 48(D) x 170(H) mm (excluding protrusions)	
Weight	Approx. 250g (excluding batteries)	
Accessories	Instruction Manual, Batteries for Operation Check (3 AA Alkaline Batteries)	

* This is not an explosion-proof structure. It cannot be used in environments with high concentrations of combustible gases or in the presence of corrosive gases.

Contact us or your local GL Sciences representative.
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Authorized distributor:
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