

MINITRACER™ LEAK DETECTOR

LHHLD-1000



The **miniTracer Leak Detector** is a sensitive, precise handheld sniffer leak detector that uses helium as a tracer gas. Designed for simple operation and exact identification of system leaks, this sniffer leak detector is ideal for lab and industrial applications. Utilizing thermal conductivity to pinpoint gas leaks from pressurized systems, the highly-sensitive miniTracer Gas Leak Detector offers precise detection of gas leaks from pressurized systems.



FEATURES

- Audible signal to easily identify when a leak is detected
- Select high or low sensitivity settings to customize for your application
- Solution/soap-free leak detection eliminates system contamination
- Simple and clean operation
- Carrying case with shoulder strap allows for easy portability

APPLICATIONS

INDUSTRIAL

- Testing and quality control
- Valves and manifolds
- Welds, seams and joints
- Pressure regulators
- Compression fittings
- High pressure vessels
- High pressure gas lines
- Refrigeration and air conditioning

LAB

- Gas chromatographs
- Purge and trap systems
- Injection ports/septa
- Column and detector fittings
- Gas purifiers and traps
- Mass flow controllers
- Cylinder connections
- Tube fittings



SENSITIVITY	
GAS	DESCRIPTION
Helium	1.0 x 10 ⁻⁵ cc/sec 0.012 ft ³ /yr
Argon	1.0 x 10 ⁻⁴ cc/sec 0.110 ft ³ /yr
CO ₂	1.0 x 10 ⁻⁴ cc/sec 0.123 ft ³ /yr
Refrigerant	1.0 x 10 ⁻⁴ cc/sec 0.123 ft ³ /yr
40% H ₂ /60% HE	1.0 x 10 ⁻⁵ cc/sec 0.012 ft ³ /yr



SPECIFICATIONS	
COMPONENT	DESCRIPTION
Detector	Thermal conductivity cell with thermistors
Visual Readout	LED Bar Graph featuring adjustable brightness; Peak hold with settable duration
Battery Life	7-8 hour duration; Recharged to 95% of capacity in 1 hour. Low battery indicator; Very low battery shutdown
Ranges	Low: x1; High: x100; Adjustable sensitivity for low and high ranges; Time constant/average
Weight	Instrument: 1.05 lbs (476 grams); Charger: 0.61 lbs (227 grams)
Dimensions	5.25" L x 3.25" W x 1.81" H (20.95 x 4.60 x 13.34 cm)
Audio Signal	Audible alarm with adjustable setpoint and volume
Pump	Diaphragm type; Pump speed control
Battery	Rechargeable Ni-Cd, 7.36 V, 800 mAh
Line Voltage	115V, 60Hz
Zero	Manual with drift elimination
Operating Temp.	70° F +/- 20° F (21° C +/- 11° C)