

GASCHECK™ LEAK DETECTORS

LHHLD-G3



The **GasCheck G3 Sniffer Leak Detector** is ideal for portable leak detection. Design features include a large backlit LCD display and battery operation. The GasCheck performs even in dark, confined spaces. Peak hold and auto-range settings offer maximum sensitivity and accurate readings of leak rates. A microthermal conductivity sensor detects any gas different from air.

The **GasCheck TESLA Leak Detector** is a highly sensitive helium leak detector designed for effective use within high magnetic fields found around the outside of Magnetic Resonance Imaging (MRI) scanners. Can be used on a running MRI scanner so daily operations do not have to be interrupted while diagnosing possible helium leakage and loss.

Principally calibrated for helium, both units can be set for gases such as Ammonia, Argon, Butane, Hydrogen, SF6 and some refrigerants.



GASCHECK LEAK DETECTORS	
MODEL	FEATURES
LHHLD-G3	The newly-released LHHLD-G3 (GasCheck G3) is an upgrade to the LHHLD-3000 (GasCheck 3000). The new G3 features the following upgrades: <ul style="list-style-type: none"> • Readings in ppm, cc/sec, or mg/m³ • Data logging of 10 points • New graphical icon display menu
LHHLD-TESLA	The LHHLD-TESLA (GasCheck TESLA) is an upgrade to the popular GasCheck 3000 unit and is the cornerstone product of this series. Featured upgrades include: <ul style="list-style-type: none"> • Readings in ppm, cc/sec, or mg/m³ • Data logging of 10 points • New graphical icon display menu • Rapidly detects almost any known gas or gas mixture. Particularly sensitive to helium and hydrogen • Capability to be calibrated by customer or in our lab with leak standard

GASCHECK SPECIFICATIONS	
COMPONENT	DESCRIPTION
DETECTOR	Micro volume thermal conductivity cell
ACCURACY	+/- 5% Displayed reading - One digit
TEMPERATURE	-20 to 60°C
RESPONSE	1 second with 1 second clear downtime
DIMENSIONS	L = 15" x W = 2.5" x D = 2"
WEIGHT	With batteries 1.1 lb.
BATTERIES	4 AA supplied; 40 hour life (typical unit)
SENSITIVITY	He = 1x10 ⁻⁵ R-12 = 8x10 ⁻⁵ Ar = 1x10 ⁻⁴ CH ₄ = 1x10 ⁻⁴

APPLICATIONS

- Quality Assurance Testing on Component Seals
- Membrane Materials & Glove Boxes
- Stored Gases & Chemicals
- Gas Cylinders & Fittings
- Gas Chromatographs
- Mass Spectrometers
- Gas Installations
- Pipeline Assemblies
- Anaesthetic Gas Bottles
- Valve Emission Evaluation
- Pipeline Joints, Gaskets & Chamber Windows



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