

GASCHECK™ LEAK DETECTORS

LHHLD-G3



GasCheck G3 Sniffer Leak Detectors are ideal for portable leak detection. The handheld design features 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. Principally calibrated for helium, the unit 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-3000IS	Includes same features as GasCheck 3000 and is certified for use in flammable atmospheres.
LHHLD-5000IS	Includes advanced features such as data logging with accurate time and date stamp record keeping, choice of units including ppm, and a user settable alarm level. Communicates with PC using an infrared window on the back of the unit, without the need of wires. Certified for use in flammable atmospheres. Data communications requires the IRLINK accessory (sold separately).

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



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

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