

# GASCHECK LEAK DETECTORS

## HELIUM AND MULTI-GAS PORTABLE LEAK DETECTORS



A handheld, portable, battery-operated leak detector for sniffing helium and other gases using thermal conductivity technology. Principally calibrated for helium, the unit has multiple gas selection. Fitted with a large back lit LCD, the display shows unit setting and numerical readout, even in dark, confined spaces. When searching for leaks the unit can easily be set into auto-range, giving the maximum sensitivity when required. Peak hold control allows accurate reading of leak rate, which is useful where external or traceable standards apply. The GasCheck uses a robust microthermal conductivity sensor to detect any gas providing it is different from air. It is calibrated for Helium but works well with Ammonia, Argon, Butane, Hydrogen, SF6 and some refrigerants.

### LEAK TESTING APPLICATIONS:

QUALITY ASSURANCE TESTING ON COMPONENT SEALS

GAS CHROMATOGRAPHS

MASS SPECTROMETERS

GAS CYLINDERS & FITTINGS

GAS INSTALLATIONS

PIPELINE ASSEMBLIES

STORED GASES & CHEMICALS

ANAESTHETIC GAS BOTTLES

MEMBRANE MATERIALS & GLOVE BOXES

VALVE EMISSION EVALUATION

PIPELINE JOINTS, GASKETS & CHAMBER WINDOWS

### PRODUCT SPECIFICATIONS

<b>PART NUMBER</b>	LHHLD-G3, LHHLD 3000IS, LHHLD 5000IS
<b>DETECTOR</b>	Micro volume thermal conductivity cell
<b>ACCURACY</b>	+/-5%
<b>DISPLAYED READING</b>	One digit
<b>TEMPERATURE</b>	-20 to 60°C
<b>FLOW RATE</b>	2cc/min
<b>RESPONSE</b>	1 second with 1 second clear downtime
<b>DIMENSIONS</b>	L = 15" x W = 2.5" x D = 2"
<b>WEIGHT</b>	With batteries 1.1 pound
<b>BATTERIES</b>	4 AA (supplied)
<b>BATTERY LIFE</b>	40 hours (typical unit)

Note: Also available with sniffer style calibrated leaks.

### LHHLD-G3

An upgrade to the GasCheck 3000, the G3 offers readings in cc/sec, mg/m<sup>3</sup>, and ppm. Includes data logging of 10 points and 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. It can communicate with a PC without the need of wires using an infrared window on the back of the unit and is certified for use in flammable atmospheres. Data communications requires the IRLINK accessory (sold separately).

