



DOD TECHNOLOGIES

The Leader in Low Level Toxic Gas Monitoring

The GasCheck handheld helium leak detector represents the latest in gas detection technology. Its advanced system of micro thermal conductivity enables advanced sensitivity for the rapid, effective detection of gas leaks down to cc/sec, mg/m³ or ppm levels. Designed for the search and location of gas leaks, the GasCheck handheld helium leak detector provides you with effective detection of almost any gas or gas mixture. Robust and reliable, this helium specific sounding gas leak detector gives stable, repeatable readings of the detected gas.



ITEM | HANDHELD HELIUM G3 | LEAK DETECTOR

MICROSCOPIC



DETECTION

LONG



BATTERY LIFE

EASILY



PORTABLE

MRI EQUIPMENT



MAINTENANCE



KEY FEATURES & BENEFITS

FEATURES	BENEFITS
Fast Indication	T90 = one second rise and clean down
Highly Accurate	Reads within +/- 5% of reading
No Saturation/Regeneration	Eliminates downtime
Powerful Battery	Runs continuously for over 5 hours on one charge
Ergonomic	Portable simple one-handed operation
Versatile	Detects almost any known gas or gas mixture
Low Cost Operation	Inexpensive consumables and parts
Digital Display	Clearly indicates level of Mercury present
Intuitive	Easy to use - minimal training required

APPLICATIONS INCLUDE

- Industrial
- Quality Assurance
- Manufacturing
- Laboratory
- Medical
- Research
- Specialty Chemical



TECHNICAL SPECIFICATIONS

SPEC NAME	SPECIFICATION DETAIL
Detector	Micro-thermal conductivity detector (MTCD)
Accuracy	+/- 5% reading
Operation	Gives real-time low-level gas leak readings
Sample Type	Extractive pump pulls sample to the device
Alarm	Audible Alarm (90 dBA at 10 cm)
Sensitivities (cc/sec)	He 1 x 10 ⁻⁵ CH ₄ 5 x 10 ⁻⁵ R12 5 x 10 ⁻⁵ Ar 1 x 10 ⁻⁴
Operating Temp.	-4°F - 140°F 20°C - 60°C
Dimensions	15"H x 2.3"W x 1.9"D
Shipping Weight	3.5 lbs.
Data Logging	Up to 10 data points
Battery Life	40 hours of runtime
Power	4 x AA batteries or rechargeable NiMH
Response	T90 = one second rise and clean down

MRI APPLICATION

GasCheck G3 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. The instrument's advanced micro thermal conductivity sensor provides rapid, accurate measurement of helium leaks down to ultra-low levels. The instrument can be used on an MRI scanner while operating, meaning interruptions to the machinery are avoided.





REALIBILITY & SUPPORT

DOD Technologies is the leader in low level gas detection. We understand the value of your production, and we know that false alarms can cost millions of dollars in lost productivity. That's why we've partnered with other high-quality manufacturers to offer a product line with an enhanced standard of accuracy and reliability. We have a worldwide network of service engineers who are knowledgeable and passionate about gas detection. Our portfolio includes fixed systems, portable gas detectors, controllers, systems integration and onsite field services.



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