



Press Release PR-03

Ion Science introduce helium leak detector for use within a high magnetic field

Ion Science introduces GasCheck Tesla, the only handheld leak detector that can be used to detect helium leaks within high magnetic fields. GasCheck Tesla is the ideal tool for use during the maintenance of Magnetic Resonance Imaging (MRI) scanners, and can even be used whilst the machinery is in operation.

GasCheck Tesla provides rapid, accurate measurement of helium leaks down to ultra-levels, due to its advanced micro thermal conductivity sensor. Helium leaks are found quickly reducing cost, wastage and downtime of the machinery.

GasCheck Tesla provides a highly effective, low cost, easy to use alternative to expensive and cumbersome mass spectrometers. As well as being costly, mass spectrometers must be located outside the magnetic field and use long leak testing probes.

Handheld and portable, GasCheck Tesla provides simple one-handed operation. The probe is designed to get into the smallest of places and is typically moved along a joint or weld seam a few centimetres per second, enabling fast detection of all possible leak paths.

The instrument provides reliable, stable, repeatable readings. Its large LCD display, LED indicator and audible sounder clearly indicate the leaks present.

GasCheck Tesla automatically zeros to the ambient air around it when switched on, and is ready to detect immediately. The instrument's easy to use graphical interface and intuitive keypad allows simple function, selection and adjustment.

GasCheck Tesla provides the ideal tool for engineers during maintenance of MRI scanners found within the healthcare industry.



Unrivalled Gas Detection.

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The instrument is available from Ion Science and its global network of distributors. Visit www.ionscience.com/tesla for more information.

GasCheck Tesla is an advancement of the existing GasCheck G leak detector capable of detecting almost any gas or gas mixture. Also available is the Intrinsically Safe GasCheck IS, the only ATEX approved leak detector for the detection of flammable gases.

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Notes to Editors: Based in Cambridge, UK, Ion Science Ltd is a UK manufacturer of gas detection, leak detection and corrosion monitoring equipment, distributed worldwide. The range of instruments are developed and designed in house, to meet the needs of a wide range of industries and applications. Research and development is fundamental to the organisation's product development and continued international growth.

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