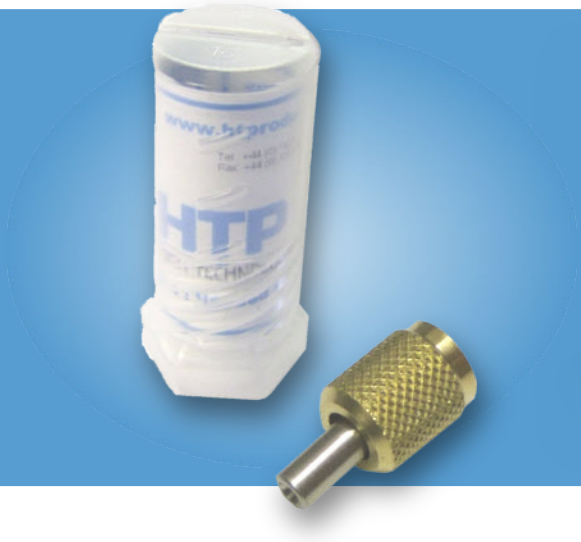


Quick-Check Reference Leak

- **Sensitivity check device for electronic refrigerant leak detectors**
- **5g/yr flow for compliance with legislation**
- **Fits to standard refrigerant cylinder**
- **Fulfil your FGas obligations**
- **Test your own equipment on a regular basis**

Add peace of mind on-site, eliminate your doubts and prove your equipment complies with FGas rules.

The LS-4 provides a useful reference against which an engineer can check the sensitivity of their leak detector at regular intervals during a leak detection job. This can help to quickly identify battery or sensor problems which can affect the performance of the detector.

When fitted to the outlet of a bulk refrigerant supply the LS-4 will produce a flow of refrigerant at 5g/Yr. If a leak detector responds to the LS-4 output then it can be considered sensitive enough for use under current Fgas regulations (EN-14624).

The LS-4 is made from a stainless steel sinter leak element in a stainless steel body and a brass 1/4" SAE flare nut for easy use with standard refrigeration equipment.

The basic element is also available in expanded formats with gauges, reservoirs and certification.

KEY FEATURES

- Attach quickly to standard bulk supply
- 1/4" SAE brass housing for standard refrigeration fittings
- 5 grams per year flow rate for common refrigerants.
- Fulfil the requirements of current FGas legislation (EN14624, SAE J1627)
- Patented manufacturing process to deliver technology to engineers at low cost
- RAC Cooling Industry Award winning technology (2009)
- Designed and Manufactured in the UK

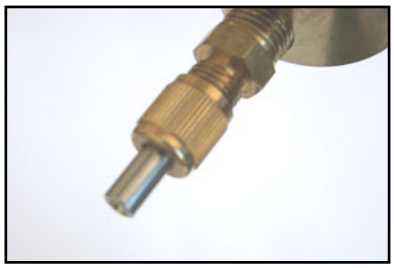
APPLICATION

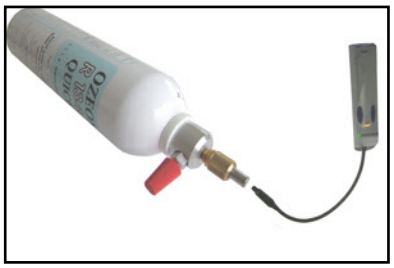
- **SUITABLE FOR:**
  Refrigeration Engineers
  Contractors
  Quality Control Operatives
  Service Technicians
- Offer the 'sniffer' probe up to the leak output to check the calibration and proper function of a refrigerant leak detector using a reference flow rate of 5g/Yr for a specific gas.

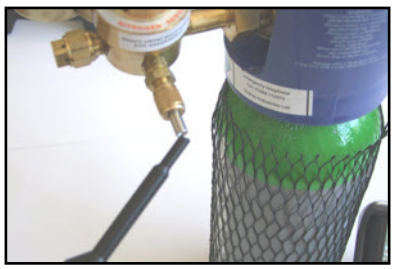
LS-4 - TECHNICAL NOTES

The tolerance is derived from a combination of production tolerance throughout a typical batch and tolerance in the measurement of the final flow rate. Traceability details are available on requests and a statement of conformity is supplied with the reference leak.

The leak itself is based on a stainless steel sinter highly compressed and fixed in a vacuum furnace, through years of extensive research HT Products has found that this type of leak performs exceptionally well in comparison to other methods such as permeation membranes or crimped capillaries. The technology and manufacturing techniques are protected by an international patent.







SPECIFICATIONS

Tolerance:	+/- 25%
Certification:	Batch certificate of conformity
Weight	50 grams
Dimensions	**Nut Details:** 1/4" SAE Flare, 7/16" UNF Thread, 19mm OAL. **Nut OD:** 9.5mm **OAL:** 34.0mm **Body OD:** 15.0mm

PRODUCT OPTIONS

R134a	5 grams / year
R410a	5 grams / year
R404a	5 grams / year
R600a	5 grams / year
R407c	5 grams / year