LOKTRACE
FIND THE LEAK!

VULKAN
LOKRING

STRICTER LAWS!
Avoid fines of up to 50,000 euros.
LOKTRACE – THE LEAK DETECTION SYSTEM
LEGALLY COMPLIANT, RELIABLE AND CLIMATE-NEUTRAL!
MEETING ALL DEMANDS
TRACE GAS LEAK DETECTION – THE BEST SOLUTION

The leak detection system, originally developed for industrial applications, has been perfectly adapted for use in service, and guarantees legally compliant, fast, reliable and easy leak detection.

LOKTRACE gas, which is a mixture of nitrogen and hydrogen, is filled into the air-conditioning system for leak detection. LOKTRACE gas is non flammable, non-toxic, non-corrosive and not harmful to the environment. The hydrogen is used as the trace gas. Hydrogen molecules are the smallest naturally occurring particles and escape from minimum leaks, even through floor screed, insulation, foaming materials. Due to its low viscosity and therefore high propagation speed the gas reaches the leak very fast and escapes even through the minimum hole. Since hydrogen is lighter than air, the hydrogen molecules rise and the pipes can easily be checked from above.

CONCLUSION:
H2 Loktrace gas finds every single leak!

THE PERFECT SOLUTION – H2 LOKTRACE GAS

- The smallest of all molecules
- 14 times lighter than air
- Non-combustible, non-toxic, colourless and odourless
- Suitable for pressure test
- Climate-neutral and inexpensive

FINDS EVEN THE TINIEST LEAKS
< 1 g/year

NO CROSS SENSITIVITIES
no false alarm possible through external gases

FINDS EVERY LEAK
even through screed, insulation and foam

CAN BE CARRIED OUT IMMEDIATELY
quickly, precisely and economically

ABSOLUTELY STANDARD–CONFORM
conform with EN 35 422 and EN 14 624

FOR EVERY REFRIGERANT
suitable for every system
A NEW GENERATION OF LEAK DETECTORS

With the help of the LOKTRACER TLD.500 and or LOKTRACER TLD.1000 the tiniest leaks can be detected. The LOKTRACER, with its special sensor system has been perfectly adapted to use in service and guarantees fast, reliable and easy leak detection. Both LOKTRACER detect only H2 therefore the leak detection is absolutely reliable.

LOKTRACE is the first method that meets all the requirements on a leak detection system and transforms the leak detection "guessing game" into a process that guarantees results.

LOKTRACE COMPARED TO CONVENTIONAL LEAK DETECTION METHODS

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<th>Finding leaks through insulation</th>
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<td>Nitrogen and bubble spray</td>
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<td>✗</td>
<td>✓</td>
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<td>✓</td>
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</table>

With the LOKRING tube connection technology the leak can be repaired on site. No down time of the application due to pressure tests. A major advantage compared to conventional methods. The refrigeration and air-conditionings system can be quickly put into operation again.
HAVE YOU HEARD?

STRICTER LAWS!

Globally, legislation has become stricter. This makes higher demands on companies, qualified personnel and technical equipment.

It affects installation and service on refrigeration and air-conditioning systems, which lose refrigerants containing hydrofluorocarbons (HFCs).

Service technicians who violate these regulations now face fines of up to 50,000 euros or local equivalent.
**LOKTOOL: LOKTRACER TLD.500 | Trace gas leak detector**

- Integrated LED torch
- Acoustic and optical alarm
- Manual suppression of background contamination
- Automatic zero setting
- Automatic self-regulation of the sensor
- Without pumps or filters thanks to diffusion technology

**Technical data**
- Time until ready to operate: < 90 sec
- Reaction time: 1 to 2 sec
- Power supply: Rechargeable batteries

**Article no.**  | **Article name**  | **Description**
--- | --- | ---
L13005099 | LOKTRACER TLD.500 | Trace gas leak detector

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**LOKTOOL: LOKTRACER TLD.1000 | Trace gas leak detector**

- Sturdy aluminium housing and illuminated LCD display
- Fast and safe leak detection using the search mode
- No cross-sensitivities to the usual external substances
- Concentration adaptation through zero setting
- Automatic self-regulation of the sensor
- PPM measurement of the leak rate in analysis mode
- Acoustic and optical alarm

**Technical data**
- Time until ready to operate: < 60 sec
- Reaction time: < 1 sec
- Power supply: Rechargeable batteries

**Article no.**  | **Article name**  | **Description**
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L13005244 | LOKTRACER TLD.1000 | Trace gas leak detector

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**LOKBOX: TG-DMSTC/HVAC x SET | Trace gas leak detection set**

This set contains all you need for leak detection using trace gas, protected in a sturdy plastic case.

**Scope of supply**
- Trace gas leak detector
- Pressure reducer
- Manifold gauge
- Trace gas cylinder 2l
- Service hoses
- Plastic case
- Refrigeration appliances set with TLD.500

**Article no.**  | **Article name**  | **Description**
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L13005038 | LOKBOX TLD+HVAC-500* | HVAC set with TLD.500
L13005126 | LOKBOX TLD+HVAC-5002l | HVAC set with TLD.500
L13004643 | LOKBOX TLD+HVAC-1000* | HVAC set with TLD.1000
L13005125 | LOKBOX TLD+HVAC-10002l | HVAC set with TLD.1000
L13004894 | LOKBOX TLD.500/W* | Refrigeration appliances set with TLD.500

* The set is not equipped with a trace gas cylinder.