

SPECIFICATIONS LKS1000-V.2

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|-------------------|---|
| Sensitivity | Detects a leak of 0,1 mm at 3 bars at 20 m |
| Camera | Colour 640 x 480 pixels |
| Display | LCD colour 3,5" 320 x 240 pixels |
| Pictures | BMP, number, date and time |
| Dynamic target | Red square with cross on strong leak Yellow square with cross on light leak |
| Measurements | dB RMS and MAX RMS |
| Memory | Up to 1000 pictures, can be uploaded to PC |
| Communication | USB cable supplied |
| US sensor | Open type - Bandwidth ± 2 kHz to - 6 dB - Central frequency 40 kHz ± 1 kHz - Adjustable frequency mixer from 34 to 46 kHz - Adjustable gain from 50 to 110 dB |
| Headphones | Adjustable volume from 0 to 10 |
| Power supply | Lithium-ion rechargeable battery |
| Autonomy | 6 hours |
| Temperature range | - 10°C to + 50°C |
| Dimensions | H : 230 mm - W : 100 mm - D : 70 mm |
| Weight | 580 gr for the LKS1000 3,9 kg including metallic case |
| CE Standards | CEM 2004/108/CE : EN61000-6-4 & EN61000-6-2 |
| Accessories | <ul style="list-style-type: none"> • Ultrasonic emitter Reference : LKSDOME • Flexible 400 mm US Sensor Reference : LKSFLEX • Flexible 1500 mm US Sensor Reference : LKSFLEX1500 • Mechanical US sensor (steam trap - bearing) Reference : LKSPROBE • Holster Reference : LKSCOVER |



Flexible 400 mm US Sensor
Ref. LKSFLEX
+ Flexible 1500 mm US Sensor
Ref. LKSFLEX1500



Mechanical US sensor
(steam trap - bearing)
Ref. LKSPROBE

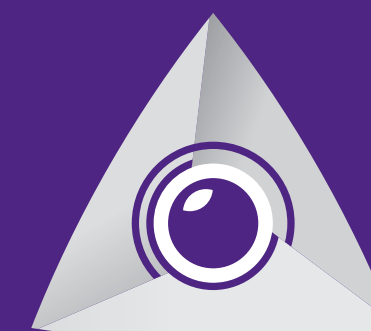


Ultrasonic emitter
Ref. LKSDOME



Holster
Ref. LKSCOVER

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LEAK DETECTION CAMERA

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Quartier Plessier - 39, avenue du 8^e Régiment de Hussards
BP 30109 - 68132 ALTKIRCH CEDEX - FRANCE
Tél. +33 (0)3 89 08 32 72 / Fax +33 (0)3 89 08 32 73
info@synergys-technologies.com
www.synergys-technologies.com

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LEAKSHOOTER® LKS1000-V.2

Ultrasonic compressed air, gaz and vacuum leak detector with camera.

Compressed air is a costly form of energy and 20 to 40% of it is lost through leaks.

Systematically checking for and eliminating leaks can therefore bring considerable energy savings.

Film, view and photograph the precise spot where compressed air, steam, pressurised gas and vacuums are leaking using the LEAKSHOOTER LKS1000-V.2.

The LEAKSHOOTER LKS1000-V.2 is a sophisticated tool. Extremely sensitive, it is capable of finding all leaks, even the smallest, including those no bigger than the size of a syringe needle, at a distance of 15 metres. Leaks can be detected in all types of industrial environment thanks to the possibility of adjusting the gain on the device to filter out all undesirable noise.

The LEAKSHOOTER LKS1000-V.2 is used like a camera. When it comes near a leak, a dynamic yellow target appears on the large colour screen. The target turns red and shrinks as it approaches the source of the leak. A bar graph at the bottom of the screen accompanies and facilitates the search.

When the device is facing the leak, a cross appears in the centre of the target. It is then possible to photograph and save the precise location of the leak.





| | |
|--------|----------------------|
| GREEN | No leaks |
| YELLOW | Near the leak |
| RED | In front of the leak |

Each photo is numbered, dated and timed and shows the dB RMS level of the leak.

The photos can be uploaded directly onto a PC via a USB cable (supplied), ready to be attached to inspection reports.

It is still possible, whilst visually searching for a leak, to use the traditional method of leak detection, listening for the hissing sound of the leak using the professional headphones also supplied, which can be plugged directly into the device.

Various accessories are available for the LEAKSHOOTER LKS1000-V.2 enabling it to be used for other applications as well as leak detection.

-  Detection in hard to reach areas with sensor :
LKSFLEX, Flexible probe 400mm long
LKSFLEX1500, Flexible probe 1500 mm long
-  For Steam trap control :
LKSPROBE, Mechanical US Sensor
-  Tightness and sealing control :
LKSDOME, Ultrasonic emitter with 13 emitters
-  Carrying bag :
LKSCOVER, Holster



APPLICATIONS



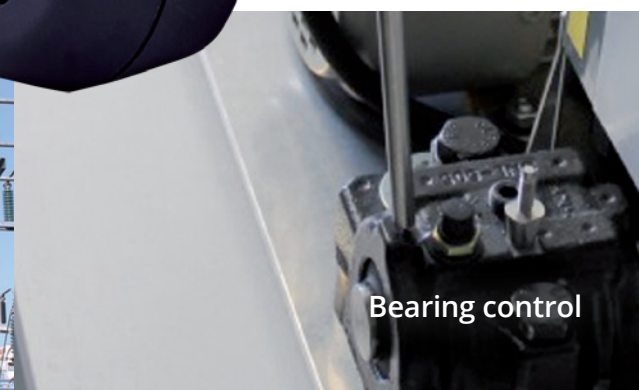
Compressed air leak



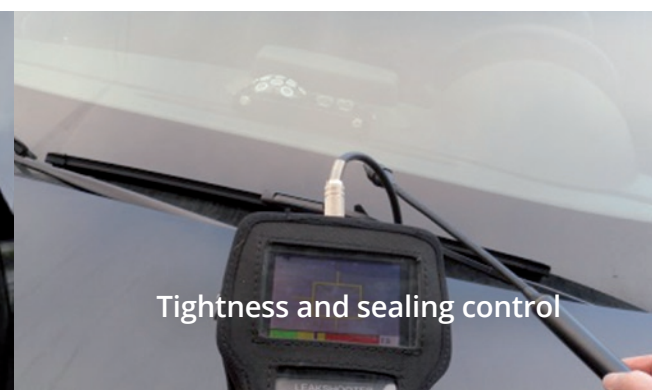
Steam traps



High Voltage Lines



Bearing control



Tightness and sealing control