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LEAKSHOOTER® LKS1000-V2T

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

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

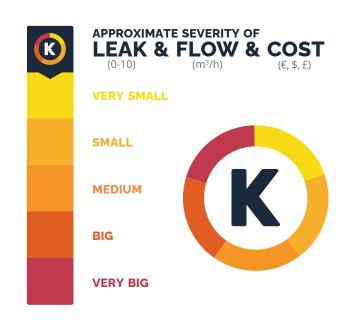
Systematically checking for and eliminating leaks can therefore bring considerable energy savings.

Film, view and photograph the precise spot where compressed air, steam, pressurised gas and vacuums are leaking using the LEAKSHOOTER® LKS1000-V2T.

The LEAKSHOOTER® LKS1000-V2T 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 20 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-V2T is used like a camera. When it comes near a leak, a dynamic white target appears on the large colour screen. The target 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 around the centre of the target. It is then possible to photograph and save the precise location 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-V2T⊕ 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



Laser pointer : LASERKIT – Autonomous laser kit + support for LEAKSHOOTER



LEAKREPORTEDITOR For report edition
option



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SPECIFICATIONS LKS1000-V2T

Sensitivity Detects a leak of 0,1 mm at 3 bars at 20 m Camera Colour 640 x 480 pixels + LED lighting Display Capacitive touchscreen - LCD Colour 5,7" 640 x 480 pixels Pictures BMP, number, name, date and time Dynamic target White circle for leak detection Colored circle with cross for the leak severity 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 30 to 50 kHz - Adjustable gain from 40 to 120 dB Headphones Adjustable volume - Wired headphone LKSEAR Power supply Rechargeable Li-lon battery Autonomy > 5 hours Temperature range Dimensions H : 310 mm - W : 165 mm - D : 65 mm Weight 700 gr for the LKS1000 3,8 kg including ABS case CE Standards CEM 2004/108/CE : EN61000-6-4 & EN61000-6-2 Accessories Ultrasonic emitter Reference : LKSEDOME Flexible 400 mm US Sensor Reference : LKSELOM Reference : LKSELOM Reference : LKSELOM Reference : LKSELOSO Autonomous laser kit + support for LEAKSHOOTER. Option. Reference : LKSPROBE Autonomous laser kit + support for LEAKSHOOTER. Option. Reference : LKSPROBE Autonomous laser kit + support for LEAKSHOOTER. Option. Reference : LKSPROBE Autonomous laser kit + support for LEAKSHOOTER. Option. Reference : LKSPROBE Autonomous laser kit + support for LEAKSHOOTER. Option. Reference : LKSPROBE Autonomous laser kit + support for LEAKSHOOTER. Option. Reference : LKSPROBE		
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