

ประเภท : LEAKSHOOTER /LKS 1000 หัวข้อข่าว : LEAKSHOOTER /LKS 1000

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ลงวันที่ : พุช ที่ 16 เดือน กรกฎาคม พ.ศ.2557

เข้าชม : 3615

The LEAKSHOOTER /LKS 1000

Top reasons why the LEAKSHOOTER / LKS 1000

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Is the ideal compressed air leaks detector

Very sensitive ultrasonic detector. Detects a leak of 0,1mm under 3 bars at 20 meters

High resolution 340\*680 pixel colour camera

Large 3,5" LCD colour display

**Precise leak detection and** location by mean of a dynamic target changing in size and colour from yellow to red according to leak severity

Possibility to take a picture of the leak location, JPEG format, and transfert ir to PC into the LEAKVIEWER report software. Each scene picture with date, time and number, dB RMS and Max values are continuously measured and displayed on a color and digital bargraph.

Possibility to listen simultaneously to the leak noise with high quality headphones

Possibility to locate leaks even without headphones

Adjustable gain from 50dB to 110 dB

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Adjustable frequency with electronic mixer from 34kHz to 46 KHz

- Lithium-ion rechargeable battery
- Six hours autonomy with full charge

## COMPRESSED AIR LEAK DETECTION

Compressed air is an expensive energy. 20% to 40% ist lost in leaks. Deciding to arrest leaks in the compressed air system to minimize electrical energy loss is a wise decision. Repairing leaks are often low cost options, such as tightening of joints to close gaps, replacement of pipelines, and replacing connection valves and rubber seats.

The LEAKSHOOTER LKS 1000 revolutionizes the compressed air and vacuum leak detection. No need anymore To spend hours wearing your headset listening to noisy leaks. With the LEAKSHOOTER LKS 1000 you'll work Like in infrared thermography, just scanning your compressed air system. Near a leak a dynamic target will automatically appear on the display. The dynamic target will change in size and colour from yellow to red the closer you come to the leak.

Once on the leak spot an X will appear in the red square target. You can then take a picture of the leak location, in JPEG format, and save it. Each picture is numbered and indicates the date, time and precise dB RMS and MAX. Picture scan be transfered on a PC into the LEAKVIEWER picture report, a software supplied for free with each LEAKSHOOTER LKS 1000.

At the screen bottom the continuous measurment of the dB RMS and MAX is displayed on a colour bargraph:



. Green = no leak
. Yellow = light leak
. Red = strong leak

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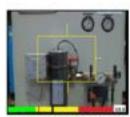
## **SPECIFICATIONS**



LEAKVIEWER PICTURE REPORT



NO LEAK



NEAR A SMALL LEAK



FACE A SMALL LEAK



NEAR A IMPORTANT LEAK



FACE A IMPORTANT LEAK



LEAKSHOOTER LKS 1000 COMPLETE KIT



-FLEXIBLE ULTRASONEC 400 mmSENSOR



LEAKSHOOTER LKS 100 ULTRASONIC DETECTOR WITHOUT CAMERA

Sensitivity

Camera Display Picture

Dynamic target

Measure Memory

**Communication:** 

**US** sensor

Detect a leak of 0.1 mm at 3 bars at 20 m

Colour 640x480 pixels

LCD colour 3,5 " 320x240 pixels JPEG, number date and time

Red square with cross on strong leak Yellow square with cross on light leak

dB RMS and MAX

Up to 1000 pictures ,can be downloaded to PC

USB cable supplied

Type ouvert

Largeur de bande +/- 2kHz à - 6 dB

Headset

**Software** 

**Supply** 

Fréquence centrale 40 kHz +/-1 kHz

Mélangeur de fréquence ajustable de 34 à 46 kHz

Gain auto ou ajustable de 50 à 110 dB Adjustable volume from 0 to 10 Lithium-ion rechargeable battery

**Autonomy** 6 hours

Température range $-10^{\circ}\text{C à} + 50^{\circ}\text{C}$ Dimensions $230 \times 100 \times 70 \text{ mm}$ 

Weight 580 gr for the LKS1000; 3,9 kg including metallic case

LEAKVIEWER picture report

**Standards CE** CEM 2004/108/CE: EN61000-6-4 & EN61000-6-2

Accessory Flexible 400 mm US sensor

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