

Ultrasonic detection camera LEAKSHOOTER (Patent pending)

- ✓ **Ultrasonic detection camera to work on:**
 - *Compressed air leak*
 - *Compressed gas leak (oxygen, argon, azote....)*
 - *Vacuum leak*
 - *Steam leak*
 - *Electrical default like Corona, Arcing, Partial discharge...*
 - *Tightness testing*
- ✓ New concept: **Hear, See, Measure, Shoot the leaks!**
- ✓ **With embedded camera on receiver cone**
- ✓ **Rechargeable Li-Ion battery** with around 5H lifetime
- ✓ 40 kHz ultrasonic sensor, with possibility of **34 kHz to 46 kHz analysis**
- ✓ 2.5 kHz audio band pass with stereo headphone
- ✓ Can be used with or without camera (energy saving)
- ✓ **MAX and RMS values on colored scale**
- ✓ **Dynamic target in real time showing** the ultrasonic source
- ✓ JPEG pictures (**max around 1000 saved in memory**), with USB cable for PC download
- ✓ **Report software** for PC



Technical data :

Sensor/Connector: 1x internal ultrasonic 40 kHz (± 1 kHz), with ± 2.5 kHz band pass, sensitivity of -65dB (0dB = 1 volt/ μ bar) and integrated in a reception cone

1x embedded camera in a reception cone

1x jack audio output (heterodyne signal on 0-2.5 kHz)

1x jack input for external sensor

Measure: 34 kHz to 46 kHz with electronic mixer

Analyze: RMS and MAX RMS real time values

Auto real time target, showing the ultrasonic source

Display: LCD TFT color screen 3.5".

Dynamique: >100dB (gain and audio settings separated).

Power: Li-Ion rechargeable battery.

Dimensions: 230*100*70 mm

Weight: 580 g.

3.9 kg with accessories and transport case.

Accessories: USB cable for PC, PC software for photo downloading, universal power charger, Stereo professional headphone, transport case.

