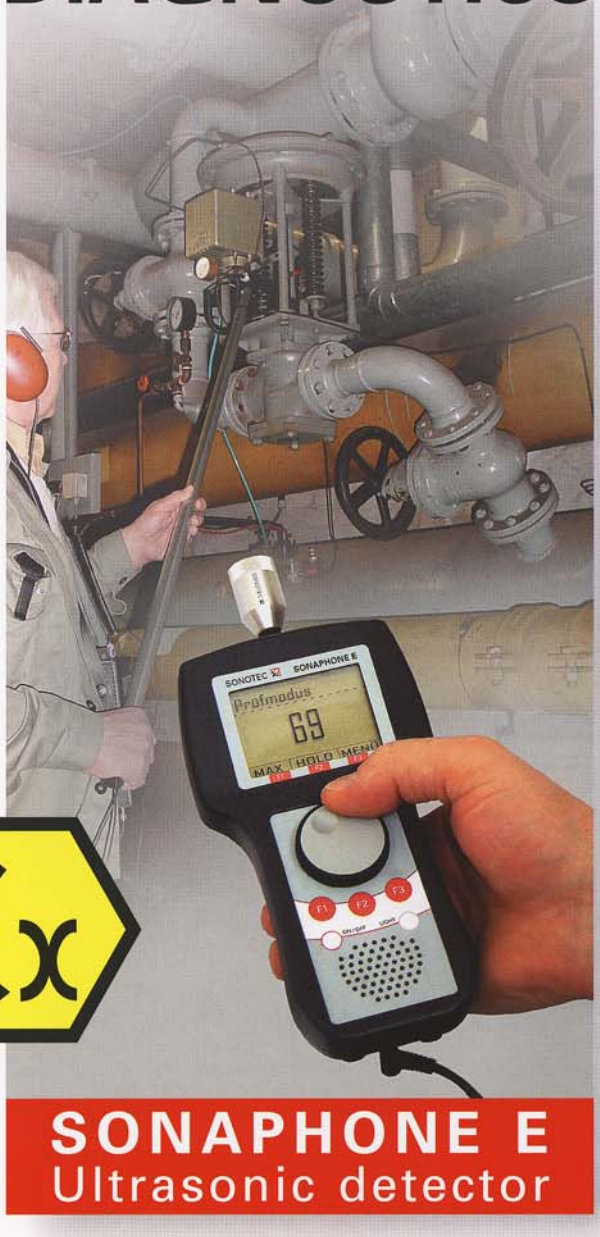
FITTING SEAL INTEGRITY

LEAK DETECTION

BEARING DIAGNOSTICS

New with USB!



SONAPHONE E
Ultrasonic detector

User friendly
Quick response time
Reliable
Low cost

SONOTEC

(ES) Equipements Scientifiques SA - Département Bio-tests & Industries - 127 rue de Buzenval BP 26 - 92380 Garches
Tél. 01 47 95 99 90 - Fax. 01 47 01 16 22 - e-mail: bio@es-france.com - Site Web: www.es-france.com

SONAPHONE E
The early warning system

First signs of wear in sliding or rolling bearings are easily detected using body sound detection technology

Diagnose areas of potential concern to eliminate unscheduled downtime!

- The SONAPHONE E is an early warning system. Faults in any machinery can be detected by ultrasonic signals – very early before the damage occurs!
- Identifying the exact location of a fault with the SONAPHONE E enables a quick reaction time, preventing major damage, expensive repair, minimal disturbance of the production process.

Verify seals of fittings, valves, gates or condenser drains

- The fast and easy operation of the SONAPHONE E saves time, material, energy and reduces the loss of condensates.
- Leaking fitting seals can be detected at an early stage.

Early wear detection of ball bearings

- Easy detection of developing faults in bearings during operation by use of body sound detection.

Intrinsically safe, can be used in Hazardous areas (Ex-Zones device category II 2 G)

Reduces operating costs for your facilities!

Leak detection of compressed-air systems or gas and vacuum facilities

- Compressed-air is a conservation-conscious form of energy but leakages within the system usually fast developing and increases long term energy costs.
- Actual operations have shown that: the periodic removal of leaks in a compressed-air system reduces the energy costs by more than 30%!

Further highlights:

PC-interface
The SONAPHONE E contains a digital data memory and has an infrared PC interface. Special custom supplied software organizes the data transfer and analysis.

Easy operation
The intuitive menu and the simple functioning of the device enables accurate measurements and stress free operation with minimal effort.

Temperature measurement
Range: 0° to 300° C (32°F – 572°F)

Picture above:
Leak detection by an air sound detector

Pictures below:
a telescope bar offers a wide range for location of leaks (maximum length 3 m 9.8 feet), large mobility by using a flexible probe

TECHNICAL DATA

Sensor frequency:	40 kHz
Plugs:	ultrasonic sensors, temperature sensor, headphones, infrared-interface (IrDA 1.0), battery charger
Current supply:	internal accumulators for about 8 h of operation
Additional functions:	memory for 1000 test data, menu guidance, integrated speaker, portable leather bag, transportation case
Accessories:	flexible ultrasonic sensor, body sound sensor, waterproof probe, telescopic-prolongation for sensors
Housing:	shock-proof plastic with wipe-resistant keyboard (foil)
Dimensions:	190x110x85 mm
Weight:	ca. 600 gramme

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