FITTING TESTING

LEAK DETECTION

BEARING DIAGNOSTICS

SONAPHONE M
Ultrasonic detector

Quick response time
Reliable
Cost-effective

SONOTEC

SONAPHONE M
The early warning system

Increase the operating reliability of your system!

- The SONAPHONE M is an early warning system. Your facility defects can be detected by ultrasonic signals at a very early stage - before the damage occurs!
- Identifying the exact location of a defect with the SONAPHONE M entails a quick reaction time and prevents from major damage - systematic repair avoids expensive disturbances and unscheduled downtime!

Checking of fittings, valves and gates, steam trap testing

- The fast and easy SONAPHONE M operation saves time, material, energy and reduces condensate losses. Leaking fittings are detected at an early stage.

Early wear detection of ball bearings

- Easy detection of defects in bearings during operation by using structure-borne sound probes.

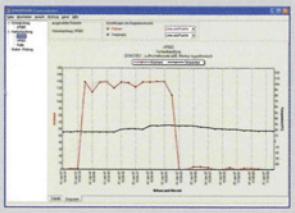
Detection of leakages and electric partial discharges over long distances!

- The parabolic probe detects sound emissions in the ultrasonic frequency range caused by compressed air leakages and electric partial discharges over longer distances reliably and precisely.

Reduce the operating costs of your facilities!

Leak detection of compressed-air systems as well as gas- and vacuum systems

- Compressed air is an environmentally conscious form of energy. However, leakages within the system usually expand quickly and increase your long term energy costs.
- Practical experiences show: Periodic removals of leaks in compressed air systems reduce the energy costs by up to 30%!



Further highlights:

PC-interface and software: The SONAPHONE M contains a USB-interface providing a PC connection. The enclosed software allows readout and management of the test data saved in the device as well as the carrying out of an "online test".

User-friendly: The easy menu navigation of the device and the ergonomic design of the housing enable a comfortable and effective operation.

Temperature measurement: Range of 0 °C to 800 °C (32 °F - 1.472 °F)

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certified with EN ISO 9001

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1 Detection of leakages with the probe for air-borne noise
2 Testing of fittings and bearings with the probe for structure-borne noise
3 Broad reach with the telescopic prolongation (max. 3 m)
4 High mobility with the flexible probe
5 Multifunctionality: Detection of leakages and temperature measurement
6 Leak detection over long distances with the parabolic probe

transportation case

TECHNICAL DATA

Operating frequency:	40 kHz
Plugs:	ultrasonic probes, temperature sensor, headphones, USB-interface
Current supply:	batteries (R6)
Additional functions:	memory for 250 single- and long time tests with max. 21000 datasets, menu guidance, integrated speaker, carrying strap, transportation case
Accessories:	flexible ultrasonic probe, probe for air-borne noise, special probe for structure-borne noise, probe for steam traps and fittings, probe for continuous testing, abrasion and cavitation, parabolic probe, temperature sensor, telescopic prolongation for the probes
Housing:	shock-proof plastic with wiping resistant keyboard (foil)
Dimensions:	190x110x85 mm
Weight:	ca. 650 gram