



ULTRASONIC TESTING DEVICE

SONAPHONE *Pocket*

THE COMPACT TESTING DEVICE FOR PREVENTIVE MAINTENANCE

MADE IN GERMANY

SONOTEC 



ES France - 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 *Pocket* FOR PREVENTIVE MAINTENANCE

With the SONAPHONE *Pocket* you identify problems even before they arise and create value at all levels of your company. Numerous **preventive maintenance** tasks can be handled quickly and efficiently with the compact ultrasonic testing device from SONOTEC. Find **leaks in compressed air, gas**

and vacuum systems and lower your energy costs. **Detect bearing damage** and avoid downtimes. Provide evidence for **electrical insulation damage** and increase your operational safety. The SONAPHONE *Pocket* is easy to handle and very effective.

ADVANTAGES AT A GLANCE

✓ FIND LEAKS AND SAVE ENERGY

With the SONAPHONE *Pocket* anybody can locate leaks and seal failures in compressed air, gas and vacuum systems quickly and easily. Just eliminating leaks can often reduce the energy costs for a compressor unit of a compressed air system up to 30 percent.

✓ DETECT PROBLEMS EARLY

With this cost-effective testing device early detection of damage or wear of plain and roller bearings and providing evidence of damage to electrical insulation are easy. The SONAPHONE *Pocket* is all you need to minimize downtimes and increase operational safety.

✓ COMPACT DESIGN FOR YOUR POCKET

The SONAPHONE *Pocket* is designed to fit in any pocket. The robust construction makes the compact testing device the perfect companion even in harsh industrial environments.

✓ EASY TO HANDLE

The ultrasonic testing device can be used immediately since it requires minimal training. The SONAPHONE *Pocket* converts ultrasound signals into audible signals and shows them on a digital display at the same time. This is particularly useful for comparable tests and regular maintenance checks.

✓ EXTENSIVE ACCESSORIES ALLOW VERSATILE OPTIONS FOR USE

The SONAPHONE *Pocket* is supplemented by extensive accessories that allow various applications, from leak detection and wear control on rotating machines to providing evidence of partial electrical discharges due to insulation damage.

APPLICATIONS



- ✓ Leak detection
- ✓ Tightness testing
- ✓ Bearing monitoring and acoustic based lubrication
- ✓ Detection of partial discharges



COMPACT – INTUITIVE – ROBUST



ACCESSORIES

We offer you versatile accessories for the SONAPHONE Pocket in the form of airborne and structure-borne probes. You will receive the appropriate probes for your applications from our product range.

AIRBORNE PROBES

for leak location over large and small distances, detection of partial discharges and leak testing of unpressurized systems

STRUCTURE-BORNE PROBES

for wear control on bearings and functional checks of valves and steam traps



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TECHNICAL DATA SONAPHONE *Pocket*

Transmission frequency	40 kHz, bandwidth +/- 2 kHz
Functionality	Detection of ultrasonic signals: Converts ultrasonic signals into audible signals and shows them on a digital display; Auto-power-off-function
Display	LC-Display with illuminated background
Connections	For different ultrasonic probes; Stereo jack socket
Power supply	2 AA batteries or accumulators
Operating time	Approx. 24 h on battery operation
Dimensions	WHD 85 x 130 x 30 mm
Weight	Approx. 280 g
Operating temperature	-10 °C ... +60 °C
Storage temperature	-20 °C ... +60 °C
Protection class	Device: IP54; Probe: IP20
Accessories	Probes, headphones, carrying strap, carrying case, instruction manual



FURTHER PRODUCTS FOR PREVENTIVE MAINTENANCE

SONAPHONE

Digital ultrasonic testing device with innovative sensors and intelligent software

- ▣ Intuitive user-friendly software
- ▣ New applications
- ▣ Test reports created quickly and easily



SONAPHONE E

ATEX certificated ultrasonic testing device for use in areas with risk of explosion

- ▣ Robust housing
- ▣ Integrated data logger
- ▣ Data transfer between the device and computer




SONOTEC preserves the right to change technical specifications without further notice. (Rev. 1 / 2016-03-31)


SALES & SUPPORT

SONOTEC Ultraschallsensorik Halle GmbH
Nauendorfer Str. 2

phone +49 (0)345 / 133 17-0
fax +49 (0)345 / 133 17-99

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