



ULTRASONIC TESTING DEVICE

# SONAPHONE *Pocket*

THE COMPACT TESTING DEVICE FOR PREVENTIVE MAINTENANCE

MADE IN GERMANY

SONOTEC 

# 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





# TECHNICAL DATA SONAPHONE *Pocket*

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

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