

Ultrasonic Testing Device

# SONAPHONE® Pocket

MADE IN GERMANY

Preventive Maintenance



## Save Energy and Minimize Downtime

- Minimize downtimes: Recognize damage at roller bearings at an early stage, detect electrical partial discharges and increase operational reliability
- Save energy: Locate leaks on compressed air, gas and vacuum systems and save up to 30 % on energy costs for compressor system

## Applications



→ **Leak detection** on compressed air lines, steam, gas and vacuum systems



→ **Valve inspection** on various types of valves



→ **Condition monitoring** on bearings



→ **Leak testing** of pressureless systems



→ **Detection of partial discharge** on electrical equipment

## Probes for various testing tasks



**Air-borne probe L50**  
Leak detection on compressed air, gas and vacuum systems



**Structure-borne probe L51**  
Leak detection on valves, gate valves and safety valves



**Flexible Probe L53**  
Leak detection in hard-to-reach places, leak test



**Transmitter UT10**  
Ultrasonic transmitter for quick tightness testing



**SONOSPOT L55**  
Location of leaks & partial discharges over long distances



**SONAPHONE T**  
Ultrasonic transmitter for professional tightness testing



**Structure-borne probe L52**  
Steam trap and bearing testing



**SONOSPHERE for SONAPHONE T**  
Spherical transmitter for intensive testing

## Compact Design - Intuitive Handling

Airborne sound probe for leak detection on compressed air, gas and vacuum systems

Slot for airborne and structure-borne probes - easily change probes for different applications

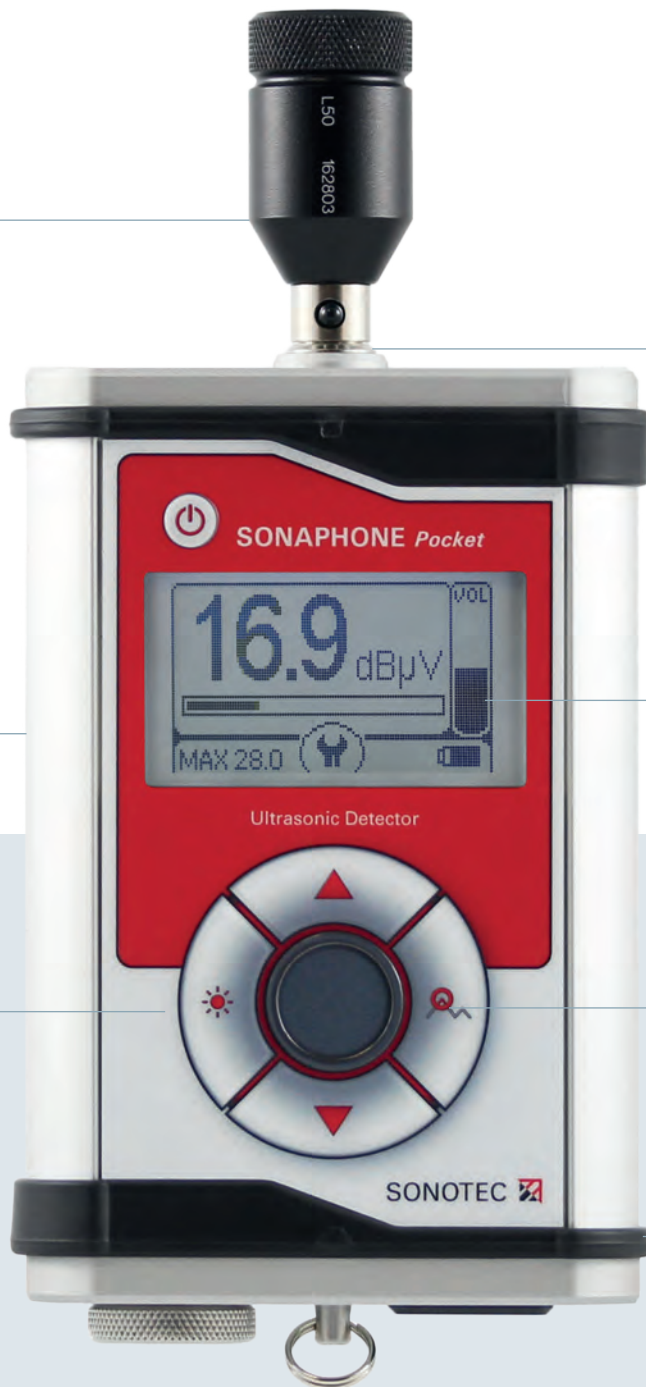
At 35 × 130 × 30 mm, the tester fits in any jacket pocket (Fig. in original size)

Digital display of the ultrasound level

5 softkeys for fast and intuitive operation

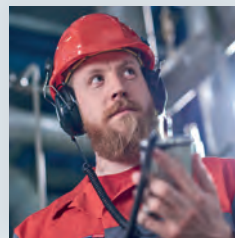
Quickly show the maximum dBuV value

Robust construction



### Compact Design

With its rugged design the device is the perfect companion even in harsh environments.



### Easy Handling

The ultrasonic signals can be identified via the headphones and the display.

## Accessories for a wide range of applications



- Array of airborne and structure-borne sound probes
- Robust transport case
- Industrial noise-isolating headphones
- Ultrasonic transmitter
- Directional tube with tip
- Acoustic horn
- Leak Tags

## Technical Data

General Data	
Transmission frequency	40kHz; bandwidth +/- 2kHz
Measurement resolution	0,05 dB $\mu$ V
Accuracy	+/- 0,5 dB $\mu$ V
Functionality	Detection and conversion of ultrasonic signals Indication of the sound level on the display Auto power-off function
Display	Illuminated LCD
Connections	For different ultrasonic probes 3,5mm stereo socket
Power supply	2 AA batteries or rechargeable batteries
Battery life	Approx. 24 hours
Environment temperature	-10°C ... +60°C
Storage temperature	-20°C ... +60°C
Protection class	Device: IP54; Probe: IP20
Accessories	Probes, headphones, carrying strap, carrying case, operating instructions

## More Ultrasonic Testing Equipment for Maintenance



Digital ultrasonic testing device SONAPHONE®



SONAPHONE E for use in hazardous areas



Innovative Technologies  
An ISO 9001 : 2015 Company

# TAURUS POWERTRONICS PVT LIMITED

Corp. Off.: No. 26, "Mahadimane", 12th Main, 1st Block, Rajajinagar, Bengaluru - 560 010, INDIA., Tel : + 91 80 2301 2301, Mob.: +91 95827 12715  
Email : info@tauruspowertronics.com, enquiry@tauruspowertronics.com, Tollfree : 1800 425 2112, WhatsApp : +91 73496 44344  
Sales & Service Off.: No. 648/54, KLE College 2nd Block, Rajajinagar, Bengaluru - 560 010, INDIA , Tel : + 91 80 2352 2136/74

BENGALURU

DELHI

KOLKATA

MUMBAI

www.tauruspowertronics.com