



ULTRASONIC TRANSMITTER

# SONAPHONE T

ADJUSTABLE ULTRASONIC TRANSMITTER FOR RELIABLE LEAK DETECTION

MADE IN GERMANY

**SONOTEC** 

# ULTRASONIC TRANSMITTER SONAPHONE T

The mobile ultrasonic transmitter SONAPHONE T is designed for the rapid and reliable detection of seal failures on windows, doors, cabins, vehicles and containers with sealing surfaces or rubber profile seals. Used in addition with an ultrasonic receiver from the SONAPHONE series, the SONAPHONE T enables efficient tightness testing. The advantage of the method lies in how simple it is to handle. The transmitter emits ultrasound that passes through leaks and gaps of the test object. By using a SONAPHONE testing device these signals can be detected accurately from outside the object. The method

requires neither costly jigs such as the tightness testing in water bath nor causes follow-up costs. The modulation of the transmission signal and the adjustable sound intensity guarantees the clear detection of the ultrasonic signal, irrespective of potential background noise or other ultrasonic sources. The option of using the additional omnidirectional spherical transmitter SONOSPHERE enables the testing of both very large and awkwardly-shaped areas. This all-round carefree package is the ideal solution for challenging inspection tasks.

## PRODUCT FEATURES

- ▀ Modulation of transmission signal
- ▀ Adjustable sound intensity
- ▀ Easy to handle, without costly jigs
- ▀ Can be combined with other transmitters
- ▀ Robust and ergonomic design
- ▀ No additional follow-up costs

## FIELDS OF APPLICATION

- ▀ Road and railed vehicles
- ▀ Ship and aircraft building
- ▀ Testing of fire doors and climate cabinets
- ▀ Tightness Testing on doors and windows
- ▀ Checking of pipe systems and containers
- ▀ Inspection of clean rooms

## TECHNICAL DATA

<b>Transmission frequency</b>	Approx. 40 kHz
<b>Connections</b>	For various transmitters
<b>Functionality</b>	Adjustable transmission power (Displayed on LCD) Switchable frequency modulation Auto power-off function
<b>Power supply</b>	2 AA batteries or accumulators (optionally via power supply unit)
<b>Display</b>	Illuminated LC display
<b>Running time</b>	Approx. 100 hours with battery operation
<b>Dimensions</b>	LWH 130 x 85 x 30 mm
<b>Weight</b>	Approx. 260 g
<b>Operating temperature</b>	- 10 °C ... + 60 °C
<b>Storage temperature</b>	- 20 °C ... + 60 °C
<b>Optional accessories</b>	Transmitter L 50 Spherical transmitter SONOSPHERE Power supply unit for SONAPHONET



SONOTEC preserves the right to change technical specifications without further notice. (Rev. 2 / 2015-07-14)

### SALES & SUPPORT

**SONOTEC**

Certified according to ISO 9001

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