

- ▶ HIGH DIRECTIVITY AND SENSITIVITY
- ▶ SCANNING RANGE UP TO 35 METERS
- ▶ WITH TARGET LASER & ADJUSTABLE RED DOT SIGHT



SONAPHONE_{vm} ACCESSORIES

PARABOLIC SENSOR BS30

FOR LEAK DETECTION & ELECTRICAL INSPECTION

MADE IN GERMANY

SONOTEC 

PARABOLIC SENSOR BS30 FOR SONAPHONE_{III}

Combined with the **SONAPHONE** ultrasonic testing device, the innovative **Parabolic Sensor BS30** from **SONOTEC** is used for **leak detection in compressed air, gas and vacuum systems**. It can also detect **partial electrical discharges**. With

a **target laser** and an adjustable **red/green dot sight**, you can pinpoint failures from a safe distance and repair as quickly as possible. Save time and energy in the future with the **Parabolic Sensor BS30**.

APPLICATIONS

- Detection of leaks in **compressed air, gas and vacuum systems up to 35 m**
- Detection of **partial electrical discharges and insulation damage**
- **Tightness testing** of windows, doors, vehicles or containers (in combination with an ultrasonic transmitter)

TECHNICAL DATA

Design	Sensor with parabolic mirror for the detection of airborne ultrasound signals at distances of up to 35 m, target laser (class 2) and light spot target device
Operation	Via buttons on the sensor or on the device:
Frequency range	20 ... 100 kHz
Measurement resolution	1 dB
Power supply	Cable connection to the SONAPHONE
Dimensions	WHD 270 x 440 x 390 mm
Mirror diameter	270 mm
Weight	750 g
Operating temperature	-10 °C ... +50 °C
Storage temperature	-20 °C ... +60 °C
Protection class	IP40
Standards and guidelines	EMC Directive 2014/30/EU; WEEE Directive 2012/19/EU; RoHS Directive 2011/65/EU; ASTM E1002-2005
Sensor accessories:	Light spot target device Transport case
Optional accessories	Sensor cable
Wavelength	630 ... 680 nm
Laser dot size	< 20 mm at 10 me

ADVANTAGES AT A GLANCE

- High **directivity** and **sensitivity**
- Scanning range up to **35 meters**
- Detects ultrasonic frequencies from **20 to 100 kHz**
- **Insensitive to background noise** within the audible range
- Reliable direction finding with **integrated target laser** and **adjustable red dot sight**
- Transparent mirror for **excellent visibility**
- **Start and stop** recording directly on the sensor
- **Ergonomic and lightweight**



SONOTEC preserves the right to change technical specifications without further notice. (Rev. 2 / 2019-05-22)

SALES & SUPPORT

SONOTEC GmbH
Nauendorfer Str. 2
06112 Halle (Saale)
Germany

phone +49 (0)345 / 133 17-0
fax +49 (0)345 / 133 17-99
e-mail sonotec@sonotec.de
web www.sonotec.eu

SONOTEC 

Certified according to ISO 9001