

ACOUSTIC AND THERMAL CONTROL OF STEAM TRAPS



SONAPHONE K

*User-friendly
Quick response time
Reliable
Cost-effective*

SONAPHONE K

Acoustic and Thermal Control of Steam Traps and Valves

Application

- Exact detection of steam losses and defective steam traps
- Ultrasonic level measurement as an indicator for steam losses
- Integrated temperature measurement (condensate/steam)
- User-friendly, easy and quick operation by simply putting the probe on the measuring point

Operation

Function control of steam traps by controlling the sound level in the fitting. Defective drains differ in level very legibly from intact drains. Ultrasonic waves arising from defective steam traps are registered. The intensity of these ultrasonic waves is shown on a digital display. The integrated temperature measurement is a valuable support in order to assess either extremely high or extremely low temperatures.

Advantages

- Easy and reliable method
- Quick temperature measurement
- The reliable indication increases your plant safety and prevents condensate losses.



Technical Data

Connectors	Ultrasonic probe Temperature sensor Headphone Battery charger
Optical display of the ultrasonic intensity	LED-Bar graph in 10 steps Value on LCD similar to dB
Acoustical reproduction	Sound proofed headphones Strong suppression of environmental noises Integrated speaker
Temperature measurement	0 up to 800 °C Accuracy 2% Display on LCD
Handling	By plastic foil keyboard
Operating time	Ca. 10 hours
Further displays	On/Off, Charge/Laden, Temperature mode
Operating temperature	-10 °C up to + 60 °C
Storage temperature	-20 °C up to + 60 °C
Scope of delivery	SONAPHONE K Ultrasonic probe Temperature sensor Sound proofed headphone Leather bag Charger Transportation case Instructions
optional	Extension cable for the temperature sensor (1,5 m)



SONAPHONE K in the transportation case

SONOTEC preserves the right to change technical specifications without further notice. (Rev. 3/2014-01-15)

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Certified to DIN EN ISO 9001

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