

# Gas Detector PCE-LDC 15



**Gas detector with a battery life of >10 hours / Soundproof headphones /  
Rechargeable battery / Working frequency 40 kHz ( $\pm$  2 kHz) / Various attachments /  
Transport case for safe transport / Touchscreen / Laser**

The gas detector is used in various areas of industry. For example, the leak detector is used on compressed air, gas, steam and vacuum systems, as well as on refrigeration systems and door seals. The working frequency of the leak detector is 40 kHz ( $\pm$  2 kHz). The soundproof headphones on the leak detector ensure that it can also be used in extremely noisy environments. The leak detector is used wherever gases can escape from leaks in piping systems. The noises caused by the outflow are often in the ultrasonic range and are therefore imperceptible to the human ear.

The gas detector picks up this ultrasound via the sonic funnel and converts the inaudible ultrasound into audible frequencies. The laser pointer built into the leak detector enables the leak to be precisely targeted. The leak detector's horn has been designed to be able to pick up sound waves and focus them in such a way that it acts like a directional microphone and suppresses other noise.

- ▶ Working frequency 40 kHz ( $\pm$  2 kHz)
- ▶ Operating time >10 hours
- ▶ Various attachments
- ▶ Transport case for safe transport
- ▶ Easy to use thanks to the touchscreen
- ▶ Soundproof headphones

## Specifications

Working frequency	40 kHz ( $\pm$ 2 kHz)
Laser	wavelength 630 ... 660 nm, output power <1mW (laser class 2)
Color display	3.5" touch panel TFT
Connections	3.5mm jack plug for headphones, power supply socket for connecting an external charger USB port for software updates
Power supply	internal 7.4 V lithium-ion battery
Charging time	max. 4 hours
Operating time	>10 h (continuous operation)
Degree of protection	IP20
Operating conditions	-5 ... +50 °C / 23 ... 122 °F, <95% RH, non- condensing
Storage conditions	-20 ... 60 °C / -4 ... 140 °F, <95% RH, non- condensing
Altitude	4000 m above sea level
Permitted Pollution degree	2
Dimensions	263 x 96 x 280 mm / 10.3 x 3.7 x 11" (with preamplifier and horn)
Weight	0.55 kg / 1.2 lb with preamplifier and horn, complete set in case approx. 3.0 kg / 6.6 lb

## More information

Manual



News



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