

Leak Detector



Order codes

VPA.8000.1009	Leak detector basic
VPA.8000.1010	Leak detector for leaks and bearings, basic
VPA.8000.1011	Leak detector with data logger - for leaks and bearings

Specifications

Function	Multifunctional detector
Display	Graphical display with background lighting and Menu control
Connections	Ultrasonic sensor, temperature sensor, headphone USB interface (USB 2.0)
Keyboard	8 function digits
Ultrasonic sensor	Internal and external
External sensors	Sound level (noise level) dBA
Data logger	Memory for 250 single- and longtime tests with max. 21.000 datasets
Measuring Range	-10 dB μ V to +70 dB μ V *1)
Accuracy	\pm 0.5 dB μ V
Measuring resolution	0.1 dB μ V
Lowest signal level	-5 dB μ V typical
Band width	(-3 dB) 2 kHz
Frequency range	40 kHz (20-60 kHz width 2 kHz increments)
Battery pack	Batteries (R6) with a nominal voltage of 1.5V are used
Operating temperature	-10 °C to +60 °C
Temperature measurement range	0 °C to 800 °C
Storage temperature	-20 °C to +60 °C
Housing	Shock-proof plastic with wiping resistant keyboard (foil)
Weight	Approx. 650 g
Dimensions	190 x 110 x 85 mm

The VP Leak Detector is a practical tool for any leak detection program. Simple to use - find compressed air leaks and prevent machinery failure with this unique instrument.

Leak detectors are a beneficial addition to mass flow meters for your leakage management program. The two instruments together make your leakage management system efficient. Measure and manage your ROI when repairing leaks. Use your flow meters to establish a leakage level before you repair the leaks and report the savings after.

Ultrasound is generated due to friction caused by the flow of gases, liquids and solids in pipes and leakages. These ultrasonic signals are recorded by the VP Leak Detector, their intensity is shown on the display screen and made audible through speakers or headphones.

Application examples:

- > Compressed Air Leak Detection
- > Pressure and Vacuum Leak Detection
- > Exhaust system leaks
- > Tanks, pipes, Leak testing
- > Electrical Inspection