

OS 530

PORTABLE LEAK DETECTOR FOR PRESSURIZED SYSTEMS



40 kHz ± 2 kHz

operating frequency

0 to +40 °C

operating temperature

DESCRIPTION

Leaks in compressed air systems can cause thousands of Euro losses. The detection of leaks is an important maintenance requirement which traditionally can be done by soap water, but now by an US detector like OS 530.

When gases are leaking through tubes and tanks an ultrasonic sound is produced which can be detected by OS 530 even from several meter distance.

OS 530 transforms these inaudible signals into a frequency which can be easily heard by using the supplied noise isolated headset. The integrated laser pointer helps to spot the leak from distance. In unpressurized systems an ultrasonic tone generator can be used whose sound will leak through small openings.

APPLICATIONS

- Leak detection in compressed air, refrigerants, simply of any gas!
- Insulation test of doors and windows
- Detection of partial electrical discharges causing damages on insulations

OS 530				
Measuring range (detection distance)			Diameter	
			0,1 mm	0,2 mm
	Pressure	0,5 bar	2 m	2 m
		5,0 bar	8 m	14 m
Operating frequency	40 kHz ± 2 kHz			
Battery life	Internal NiMH rechargeable, 4-6 hours of operation			
Included	Noise isolated headset, focus tube and focus tip, battery charger, transport case			