



AIR SAVING PRODUCTS ULTRASONIC LEAK DETECTOR



What produces ultrasound in a leak? When a gas passes through a restricted orifice under pressure, it is going from a pressurized laminar flow to low pressure turbulent flow. The turbulence generates a broad spectrum of sound. There are ultrasonic components in the sound and since the ultrasound will be the loudest by the leak site, the detection of these signals is usually quite simple.

Features:

- » Ultrasonic leak detection to save money
- » SMT/solid state hybrid heterodyne receiver
- » Supplied in case, complete with headset and rubber focusing probes
- » Leaks will be detected from a distance (33 Foot range)
- » Fully automatic - no maintenance
- » Supplied in case, complete with headset and rubber focusing probes
- » LCD displaying the program cycle and the current time
- » Small compact design



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Specifications:

Construction	Hand held ABS pistol type ultrasonic processor Stainless steel sensor enclosures
Circuitry	SMT/Solid state hybrid heterodyne receiver
Frequency Response	20-100 kHz (centered at 28-42 kHz)
Indicator	10 segment LED bar graph (red)
Sensitivity Selection	8 precision positions
Power	9 volt alkaline battery
Low battery indicator	LED
Headset	Noise isolating type: double headset wired monophonic Impedance: 16 ohms. Over 23 dB noise attenuation. Meets or exceeds ANSI specifications and OSHA standards.
Transmitter	Warble tone transmission
Response time	300 milli seconds
Ambient operating temp.	0 – 50 degrees C. (32 – 120 degrees F)
Relative humidity	10 – 95 %

Probes:

Scanning module	Stainless steel unisonic (single transducer) piezo electric crystal type
Stethoscope module	Stainless steel plug-in type with stainless steel wave guide
Rubber focusing probe	Circular shaped, shields stray ultrasound signals, focuses signals



Supplied in it's own case with accessories!