

# Ultrasonic Leak Detection System and Stethoscope

Monarch UltraPro AG500



The UltraPro AG500 is a powerful ultrasonic leak detector and electronic stethoscope. The system is used in construction, maintenance and manufacturing wherever precision gaseous leak detection or diagnostics are required.

UltraPro uses ultrasound technology to sense frequencies ranging from 18 to 42 kHz, which are converted into an audible sound. The system is used to locate leaks in any gaseous system and to troubleshoot moving assemblies such as bearings, injectors, solenoids and valves. UltraPro features a unique automatic gain control which filters the signal to provide the best signal-to-noise ratio, suppressing background noise and pinpointing leaks. The AG circuit simplifies operation, removing complicated adjustment knobs and filter switches. UltraPro offers superior electronics with rugged industrial packaging and a protective rubberized case.



## Features

- Automatic gain control
- Simple operation
- 10 element LED bar-graph display
- Industrial rubber holster
- Air and contact probes
- Audio output with volume control

## Common UltraPro Applications

- Steam Traps
- Vacuum/Air Leaks
- Bearings/Valves
- Pressure Leaks
- Water Leaks

Specification	UltraPro AG500
<b>Power</b>	9volt Battery
<b>Battery Life (typical)</b>	20 hrs (continuous)
<b>Displays</b>	10 element LED bar-graph.
<b>Frequency Response (kHz)</b>	36-44
<b>Audio Output (kHz)</b>	0 to 4
<b>Construction</b>	ABS and anodised aluminum with rubber holster
<b>Dimensions (mm)</b>	150 x 100 x 38
<b>Weight (g)</b>	300