

## ULTRASONIC LEAK DETECTOR

### UltraPro AG500 Ultrasonic Meter

The **UltraPro AG500** is a powerful ultrasonic leak detector and electronic stethoscope for use in industry, maintenance and manufacturing wherever precision leak detection or diagnostics are required.

Ultrasound is composed of high-frequency sound waves above the range of human hearing. **UltraPro** uses this technology to sense frequencies ranging from 18 to 42 kilohertz, which are electronically translated down into the audible range. Predictive Maintenance uses airborne/structure-borne ultrasound technology to locate leaks in any gaseous systems and to troubleshoot rolling-element bearings or valve operations. **UltraPro** features a unique Automatic Gain Control which automatically 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 in a simple-to-use ultrasonic meter.

#### Features:

- Automatic Gain Control
- Simple Operation
- 10 Element LED Bargraph Display
- Industrial Rubber Holster
- Air and Contact Probes
- Audio Out with volume Control



#### Common Applications:

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



UltraPro AG500 Ultrasonic Leak Detector

UltraPro AG500 System includes:  
Detector, Headset, Air and Contact  
Probes, Tone Generator, Batteries and  
Latching Carrying Case.



Monarch Ultrasonic Tone Generator is a battery-powered continuous tone source of 40 kHz. It effectively allows you to "pressurize with noise". It is capable of 155 dB at 30 cm and can transmit up to 40 feet. Ideal for enclosed vessels/tanks.

#### Ordering Information

UltraPro AG500 System Detector, Air and Contact  
Probes, Headset, Tone Generator, 9v Batteries and  
Latching Carrying Case.  
Tone Generator Generator and Battery

## FIBERSCOPE VISUAL INSPECTION TOOLS

### FSI and FSX Series Flexible Fiberscopes

Monarch Flexible Fiberscopes are perfect for inspecting interior areas which are difficult to view. Optical inspection can save thousands of dollars in preventing unnecessary disassembly of complex machines. With the **FSI** or **FSX Fiberscopes**, visual inspection can confirm your diagnosis, ensure proper assembly and welded joints or even locate a dropped component.

#### FSI and FSX Features:

- Superior Resolution 7400 Pixels
- Water/Chemical Resistant
- 40° Field of View
- 10mm and 6mm Diameters Available
- Bending Radius down to 3 inches

#### Common Applications:

- Automotive/Marine
- Security
- Manufacturing
- Construction
- Maintenance



Monarch FSI Series Flexible Fiberscopes are self-illuminating with either LED or Halogen lamps. Both 10mm and 6mm diameters are available in lengths of 24, 36 and 48 inches.



Monarch FSX Series Flexible Fiberscopes require an external light source. (Order the Scorpion Xenon flashlight). Only 6mm diameters are available in lengths of 24, 36, 48 and 60 inches.



FSI Flexible Fiberscope

#### Ordering Information

FSI-24-6-H Self-illuminating, 24" length, 6mm diameter, Halogen lamp.  
FSI-36-6-H Same as above in 36" length.  
FSI-36-6-L Same as above with LED lamp.  
FSI-24-10-L Self-illuminating, 24" length, 10mm diameter, LED lamp.  
FSI-36-10-L Same as above in 36" length.  
FSI-48-10-L Same as above in 48" length.  
FSX-24-6 External illumination, 24" length and 6mm diameter.  
FSX-36-6 Same as above in 36" length.  
FSX-48-6 Same as above in 48" length.  
FSX-60-6 Same as above in 60" length.