Why Ultrasound Technology is the smart approach to inspection:

- Ultrasound is very directional and localized
- Ultrasound can be easily blocked or shielded
- Ultrasound instruments can be used in noisy environments
- Changes in Ultrasound provide early warning of potential problems
- Ultrasound instruments are easy to use!

The Ultraprobe® 100 features an 8-position sensitivity dial with decibel indications. In addition, it features an LED bar graph display in which each LED equals approximately 3 dB - ideal for calculating decibel levels.

Test steam traps

UP100KT
Ultraprobe® 100 Kit

- UP 100 Pistol with LED Bar Graph Meter
- 8 Position Sensitivity Selection
- Scanning Module
- Rubber Focusing Probe
- Warble Tone Generator (WTG-1) with Battery Recharger
- Deluxe Headphones
- 9 Volt Alkaline Battery Replaceable
- Nylon Cordura Soft Carrying Case
- Comprehensive Instruction Manual
- Stethoscope Module
Ultraprobe® 100 Specifications

**Construction**
Hand-held ABS pistol type ultrasonic processor, stainless steel sensor enclosures.

**Circuitry**
SMD/Solid State hybrid heterodyne receiver.

**Frequency Range**
Peak response: 36-44 kHz.

**Indicator**
10 segment LED Bar Graph (red).

**Sensitivity Selection**
8 position precision attenuation.

**Power Low Battery Voltage Indicator Headset**
9 Volt Alkaline Battery.

**Transmitter**
Patented warble tone transmission.

**Respons time Ambient**
Response time: 300 msec.

**Operating Temp. Range**
0 - 50 °C (32 °F - 120 °F).

**Relative Humidity**
10-95% non-condensing at up to 30 °C (86 °F).

**Storage Temperature**
18 °C - 54 °C (0 °F - 130 °F).

**Warranty**
1-year parts/labor standard, (details available on request).

5 years with completed warranty registration card.

**Dimensions**
13.3 x 5 x 20.3 cm (5.25" x 2" x 8").

**Weight**
0.3 kg (11 oz).

**Carrying Case**
Nylon Cordura soft carrying case.

**Applications**
- Pressure & Vacuum Leak Detection
- Valve Seat Leak Detection
- Exhaust System Leaks
- Heat Exchangers, Boilers, Condensers
- Steam Trap Inspection
- Bearing Testing
- Gear/Gear Box Inspection
- Wind Noise/Water Leaks/Hatches
- General Mechanical Inspection & Trouble Shooting
- Tanks, Pipes, Leak Testing, etc.
- Electrical Inspection