Flexible / Adaptable Recognizing that every test environment is different, our engineers designed the Ultraprobe with many user-friendly features, which can be adapted to approach virtually any inspection requirement.

Frequency Tuning allows the operator to select the specific frequency of a problem sound while reducing interference from competing ultrasonic signals.

Bi-Modal Meter Switch has two meter functions:
1) Logarithmic Metering will provide instant ‘real time’ response for enhanced leak and fault detection.
2) Linear Mode provides a slow, averaging response to stabilize readings for bearing and mechanical monitoring.

A 10-turn Sensitivity Adjust Dial provides a wide dynamic sensitivity range.

Trisonic™ Scanning Module a patented transducer, consists of a phased array of three transducers, which provides a level of sensitivity beyond anything previously obtainable.

Acoustic Headphones:
- Noise isolating type for loud environments.

Intrinsically Safe:
- FM, CSA, ATEX rated
Ultrasound CD Training Series is Included

This professionally produced series was shot in actual plant environments enabling you to see, hear and experience realistic test examples along with practical solutions. The training series is applicable for all levels of ultrasonic testing experience and is arranged in an organized format. You’ll be taken step by step through each application. The following sections are included in the CD’s:

- Introduction to Airborne Ultrasound
- Review of each Ultraprobe Feature
- Overview of the Specific Application (Leak Detection, Mechanical and Bearing Inspection, Heat Exchangers, Boilers & Condensers, Steam Traps & Valves, Electrical Inspection)
- Demonstration of Testing Techniques
- Problem Solving Techniques

Ultraprobe® 2000 Specifications

<table>
<thead>
<tr>
<th>Construction</th>
<th>Hand-held metered pistol type made with aluminum and ABS plastic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circuitry</td>
<td>Solid State heterodyne receiver with temperature compensation</td>
</tr>
<tr>
<td>Frequency</td>
<td>Frequency Detect ultrasonic frequencies between 20 kHz and 100 kHz, continuously variable</td>
</tr>
<tr>
<td>Response</td>
<td>Frequencies are converted to 50 kHz to 3 kHz audio</td>
</tr>
<tr>
<td>Probes</td>
<td>Scanning Module patented Trisonic plug-in type consisting of a phased array of multiple transducers for airborne ultrasound. This probe is shielded against RF interference.</td>
</tr>
<tr>
<td></td>
<td>Rubber Focusing Probe (flexible) slips over scanning module to concentrate conical directivity and to shield reception of stray ultrasound. Also fits over Stethoscope Module to shield against high ambient ultrasound while unit is at maximum sensitivity.</td>
</tr>
<tr>
<td></td>
<td>Stethoscope Module – plug-in type, insulated probe with RF shielding; 11.4 cm (4 1/2”) long stainless steel probe tip, conically shaped for uniform surface contact. Stethoscope Extension Kit: 3-piece, segmented metal rods to increase stethoscope contact range for 50.8 cm (20”) and 76.2 cm (31”).</td>
</tr>
<tr>
<td></td>
<td>Scanning Module patented Trisonic plug-in type consisting of a phased array of multiple transducers for airborne ultrasound.</td>
</tr>
</tbody>
</table>

Kit includes:

- Frequency Selection (20 kHz – 100 kHz)
- Precision edgewise meter
- 3-way meter/auxiliary mode selector
- Numerically calibrated 10-turn sensitivity dial
- Rechargeable battery with low level indicator light
- Anodized aluminum housing
- Trisonic™ Scanning Module
- Stethoscope/Contact Module
- Stethoscope Extension Kit
- Rubber Focusing Probe
- Warble Tone Generator
- Deluxe noise isolating headset
- Zero Halliburton aluminum carrying case
- Instruction Manual and Multimedia Training

Ultrasonic CD Training Series is Included

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