The Ultraprobe® 9000 is a digital ultrasonic inspection, information, storage and retrieval system that’s versatile and easy to use (most operators learn within 15 minutes!). This Ultraprobe® will help move you through inspections quickly. Whether used for troubleshooting or a pre-planned route, data is easily viewed on the display panel and stored with the push of a button.

The easy-to-read display panel offers calibrated decibel readout and a 16-segment bar graph, which instantly registers sound intensity changes and simultaneously registers peak hold as you scan.

The Ultraprobe® 9000 engineering combines the best of both worlds:
- Scans as quickly as with analog instruments
- Uses the digital information to store and trend

On board data logging utilizing Ultratrend DMS™ (Data Management System) provides:
- Multiple data views
- History table/spread sheets
- Trend charts
- Export files to MS Excel
- Flexibility as never before!

Scale is in calibrated decibels traceable to NIST

UE Systems unique Spin and Click™ technology makes sophisticated inspection simple and quick!
You’ll be amazed at how much you can accomplish with only 2 controls. By just “spinning” and “clicking” you can:
- Locate and identify potential problems
- Store data
- Change frequency and sensitivity quickly
- Download data via USB output
- Adjust basic operation modes
- Select “snap shot” function... and more!
Ultraprobe® 9000 features

- Open Platform Software
- Interchangeable Modules
- Frequency Tuning
- Spin and Click™ Technology
- Ultratrend Sound Filtration
- 120 dB Dynamic Range
- Acoustic Isolating Headphones
- Environmentally friendly rechargeable batteries
- Easy interface for most Vibration Analyzers including SKF, ENTEK, DLI, CSI, DI

Typical Ultraprobe Applications

**Data Based Mechanical Inspection/Trending**

- Bearing Conditions
- Rubbing Conditions
- Cavitation
- Gears/Gear Boxes
- Pumps/Motors
- Lack of Lubrication

**Data Based Leak Detection/ Energy Audits**

- Compressed Air
- Compressed Gases (O2, NO, etc.)
- Vacuum Leaks
- Seals and Gaskets
- Condenser Tubes
- Cockpit Windows
- Hatches
- Boilers
- Heat Exchangers
- Valves
- Steam Traps

**Data Based Electrical Inspection**

- Arcing
- Tracking
- Corona
- Switchgear
- Transformers
- Insulators
- Relays
- Bus Bars

### Ultraprobe® 9000 Specifications

<table>
<thead>
<tr>
<th><strong>Construction</strong></th>
<th>Hand-held pistol type made with coated aluminum and ABS plastic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Circuitry</strong></td>
<td>Solid State SMD Digital Circuitry with temperature compensation</td>
</tr>
<tr>
<td><strong>Frequency</strong></td>
<td>20 kHz to 100 kHz (tunable in 1 kHz increments)</td>
</tr>
<tr>
<td><strong>Response Time</strong></td>
<td>&lt; 10 ms</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>16 x 2 LCD with LED Backlight</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>400 storage locations</td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>NiMH Rechargeable</td>
</tr>
<tr>
<td><strong>Operating Temperature Outputs</strong></td>
<td>0 °C to 50 °C (32 °F to 122 °F)</td>
</tr>
<tr>
<td><strong>Probes</strong></td>
<td>Trisonic Scanning Module and Stethoscope Module</td>
</tr>
<tr>
<td><strong>Headset</strong></td>
<td>Deluxe noise attenuating headphones for hard hat use</td>
</tr>
<tr>
<td><strong>Indicators</strong></td>
<td>dB, Frequency, Battery Status and 16 Segment Bar Graph</td>
</tr>
<tr>
<td><strong>Sensitivity</strong></td>
<td>Detects 0.127 mm (0.005&quot;) diameter leak @ 0.34 bar (5 psi) at a distance of 15.24 m (50 ft.)</td>
</tr>
<tr>
<td><strong>Threshold</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>Complete kit in Zero Halliburton aluminum carrying case</td>
</tr>
<tr>
<td></td>
<td>47 x 37 x 17 cm (18.5&quot; x 14.5&quot; x 6.5&quot;)</td>
</tr>
<tr>
<td><strong>Pistol Unit</strong></td>
<td>0.9 kg (2 lbs.)</td>
</tr>
<tr>
<td><strong>Complete carrying case</strong></td>
<td>6.4 kg (14 lbs.)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1 kg (2 lbs.)</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>1 year parts/labor standard, 5 years with completed warranty registration card.</td>
</tr>
<tr>
<td><strong>Display Modes</strong></td>
<td>Real Time, Snap Shot, Peak Hold and Storage Display</td>
</tr>
</tbody>
</table>

*depends on leak configuration

**www.uesystems.com**