

# ULTRAPROBE 10,000

**Condition Monitoring  
Program that fits in the  
palm of your hand**



*The Ultraprobe 10,000 enables you to:*

- *Record and Analyze Sound Samples*
- *Perform Condition Analysis*
- *Store Test Data*
- *Trend Results*
- *Review Inspection Results*
- *Manage your Test Data*

*All with just one instrument!*



Call to request equipment quote  
and check product availability.

The Ultraprobe 10,000 is the world's most advanced ultrasonic inspection system! This innovative instrument is jam-packed with so many features it will make your inspections efficient and easy! From the very instant you hold the Ultraprobe 10,000 in your hand, you'll be convinced that this is a truly remarkable feat of engineering.

The UltraProbe 10,000 features onboard sound recording with a push of a button. You'll record a sound sample directly into the instrument and link it to one of 400 record files stored in the Ultraprobe. With the Spin and Click technology, test the way you want with: specialized application screens, adjustable on-off features, connection to external devices and flexible reporting options.

What do you want to test? Select any of 6 applications: generic, leaks, valves, bearings, electrical or steam and the Ultraprobe 10,000 automatically sets relevant fields for your data logging convenience. In addition to onboard data logging, the UltraProbe 10,000 accepts and stores data from external devices such as thermometers and tachometers.

## 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 (O<sub>2</sub>, 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

■ Ph 330.283.5539  
■ Fx 330.342.4836 ■

www.environmental-rental.com



Everything needed for specialized testing is included with the Ultraprobe 10,000 Inspection System.



**Long Range Module** will double the detection distance of the standard Trisonic™ Scanning Module and enhance performance for any electrical or leak inspection job. With a 10° field of view, you can pinpoint the exact location of a problem at a safe distance –no need for ladders or a lift!



**RAS-MT - Remote Access Sensor Magnetic Mount Transducer** comes with cable, which allows users to test hard-to-reach test points. In addition, it provides for consistency in test results by eliminating variables such as angle of approach and contact probe pressure.



**Stethoscope Module** with Rounded tip wave guide (top). Pointed tip wave guide for Stethoscope Module (bottom).

## Ultraprobe 10,000 Specifications

<b>Construction:</b>	Hand-held pistol type made with coated aluminum and ABS plastic
<b>Circuitry:</b>	Solid State Analog and SMD Digital Circuitry with temperature compensation and true RMS conversion
<b>Frequency Range:</b>	20kHz to 100kHz (tunable in 1kHz increments)
<b>Response Time:</b>	< 10 ms
<b>Display:</b>	64 x 128 LCD with LED Backlight
<b>Memory:</b>	400 storage locations
<b>Battery:</b>	Lithium ION Rechargeable
<b>Operating Temp:</b>	32°F to 122°F (0°C to 50°C)
<b>Outputs:</b>	Calibrated heterodyned output, decibel (dB) frequency, RS-232 data output
<b>Probes:</b>	Trisonic Scanning Module and Stethoscope Module, Long Range Module and RAS-MT
<b>Headset:</b>	Deluxe noise attenuating headphones - for hard hat use
<b>Indicators:</b>	dB, Frequency, Battery Status and 16 Segment Bar Graph
<b>Sensitivity:</b>	Detects .005" (.127 mm) diameter leak @ 5 psi (.34 bar) at a distance of 50 ft. (15.24 m)
<b>Threshold*:</b>	1 x 10 <sup>-2</sup> std. cc/sec to 1 x 10 <sup>-3</sup> std. cc/sec
<b>Dimensions:</b>	Complete kit in Zero Halliburton aluminum carrying case 21.5" x 18.5" x 8" (55 x 47 x 20 cm)
<b>Weight:</b>	Pistol Unit: 2.35 lbs. (1.1 kg), Complete carrying case: 19 lbs. (8.6 kg)
<b>Display Modes:</b>	Real Time, Snap Shot, Peak Hold, Storage Display, and Application Specific

\* depends on leak configuration

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