

ULTRAPROBE® 3000

So Advanced, It's simple.

Here's a digital Ultraprobe that's versatile enough to cut energy waste and improve uptime while saving money, and improving the environment!

The Ultraprobe® 3000 is a digital ultrasonic inspection, information, storage, and retrieval system that comfortably fits in the palm of your hand.



Dial into convenience and savings with the Ultraprobe 3000.

Experience the advantages of airborne/structure borne ultra-sonic inspection with the Ultraprobe 3000. This digital inspection system is fully equipped to detect energy waste, and locate mechanical and electrical problems, with many features that will help you inspect in the most challenging environments.

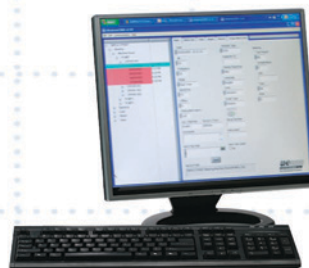
Features include:

- Wide, dynamic sensitivity range
- "Spin and Click" operations to customize your inspection modes, store and view data and adjust instrument settings
- Easy-to-read display panel with calibrated decibel readout and a 16 segment bar graph. The display panel showcases sensitivity level, storage location number, and battery level

- Store, overwrite, or enter data in a new location
- 400 Memory locations hold all your test data
- Scanning and stethoscope (Contact) plug-in modules
- Update system software online

Whether Mechanical, Electrical, or Fluid Systems, The Ultraprobe 3000 is Your Source for Energy Savings!

From leak detection to steam trap inspection, the Ultraprobe 3000 will amaze you with its ability to quickly and accurately locate and prevent potential problems.



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SYSTEMS INC
The *ultrasound* approach

Ultraprobe® 3000 Kit

- UP 3000 Pistol with Decibel Readout and 16 Segment Bar Graph Display Panel
- "Spin and Click" Sensitivity/Control Dial
- Scanning Module
- Stethoscope (Contact) Module
- Mini-USB I/O Port & Cable
- Storage Entry
- Recharge Jack
- DHC-2HH-Heavyduty, Durable Headphones for Use With a Hard Hat
- Zero Halliburton Carrying Case*

*Case specs may vary. Please contact us for details.

- Li Polymer Rechargeable Battery and Charger
- Rubber Focusing Probe
- Stethoscope Extension Kit (SLP-EXT)

UP 3000 S Scanning Module Only

UP 3000 SC Scanning Module & Contact (Stethoscope) Module & SLP-EXT

UP 3000 C Contact (Stethoscope) Module & SLP-EXT

UP 3000 LRM Complete Kit With Long Range Module

UP 3000 SL Scanner and Long Range Module & 200 Leak Tags

Typical Ultraprobe Applications

- Compressed Air Leak Detection
- Steam Trap Inspection
- Valve Leak Detection
- Pressure & Vacuum Leak Detection
- Heat Exchanger, Boiler, Condenser Leaks
- Tanks, Pipes, Leak Testing
- Wind Noise/Water Leaks
- Hatch Leak Integrity
- Bearing Testing
- Gear/Gear Box Inspection
- General Mechanical Inspection & Trouble Shooting
- Electrical Inspection



ULTRAPROBE® 3000 Specifications

| | |
|-------------------------|--|
| Construction | Hand-held pistol type made with ABS plastic |
| Circuitry | Solid state analog and SMD digital circuitry with temperature compensation |
| Frequency | Frequency response: 35-45 kHz |
| Response Time | <10 milliseconds |
| Display | 128x64 Graphic LCD with LED backlight |
| Memory | 400 storage locations |
| Battery | Li Polymer Rechargeable |
| Operating Temp. | 32° F to 122° F (0° C to 50° C) |
| Output(s) | Calibrated heterodyned output, decibel (dB) frequency, USB data output |
| Available Probes | Scanning module and stethoscope (contact) module, long range module, RAS MT |
| Headset | Deluxe noise attenuating headphones. Over 23 dB of noise attenuation. Meets or exceeds specifications and OSHA standards |
| Indicators | dB, battery status and 16 segment bar graph, sensitivity setting, record number |
| Threshold | 1 x 10 ⁻² std. cc/sec to 1 x 10 ⁻³ std. cc/sec |
| Dimensions | Complete kit in Zero Halliburton aluminum carrying case 15" x 22" x 5" (38.1 x 55.9 x 11.43 cm) |
| Weight | Pistol Unit: 1 lb (.45 kg) Carrying Case: 11 lbs (4.99 kg) |
| Warranty | 1 year standard, 5 years with completed registration form |

Available Optional Accessories (Call, fax or e-mail for information)

- Long Range Module doubles detection distance (LRM-3)
- HTS Holster Set (HTS-3)
- Telescoping Flexible Scanning Module (TFSM-3)
- RAS-MT magnetically mounted transducer and cable*

*Requires Ram (a plug-in module-UERAM-3)



Specialized Air and Steam Tags Available.

Covered by one or more of the following patents: 4416145, EP0151115, 502674183.
Ultraprobe 3000 Kit: Meets and exceeds ASTM E1002-2005 requirements for Leak Detection.

UE Systems is committed to continual product improvement; therefore specifications are subject to change without notice. Warranty details are available by request.

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