

# ULTRAPROBE® 3000

Advanced digital ultrasonic leak detector with easy software & reporting capabilities

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 ultrasonic 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 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.





### 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
- 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

<b>Construction</b>	Hand-held pistol type made with ABS plastic
<b>Circuitry</b>	Solid state analog and SMD digital circuitry with temperature compensation
<b>Frequency</b>	Frequency response: 35-45 kHz
<b>Response Time</b>	<10 milliseconds
<b>Display</b>	128x64 Graphic LED with LED backlight
<b>Memory</b>	400 storage locations
<b>Battery</b>	Li Polymer Rechargeable
<b>Operating Temp.</b>	0 °C to 50 °C (32 °F to 122 °F)
<b>Output(s)</b>	Calibrated heterodyned output, decibel (dB) frequency, USB data output
<b>Available Probes</b>	Scanning module and stethoscope (contact) module, long range module, RAS MT
<b>Headset</b>	Deluxe noise attenuating headphones. Over 23 dB of noise attenuation. Meets or exceeds specifications and OSHA standards
<b>Indicators</b>	dB, battery status and 16 segment bar graph, sensitivity setting, record number
<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 38.1 x 55.9 x 11.43 cm (15" x 22" x 5")
<b>Weight</b>	Pistol Unit: 0.45 kg (1 lbs) Carrying Case: 4.99 kg (11 lbs)
<b>Warranty</b>	1 year standard, 5 years with completed registration form



Long range module



TFSM-3



Stethoscope module

### Available Optional Accessories

- Long Range Module doubles detection distance (LRM-3)
- HTS Holster Set (HTS-3)
- Telescoping Flexible Scanning Module (TFSM-3)\*
- Specialized Air and Steam Tags

\*Requires RAM - (a plug-in module UE-RAM-3)



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Ultraprobe 3000 Kit: Covered by one or more of the following patents: 4416145, EPO151115, 502674183. 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.