

## Digital Ultrasonic inspection system



If you're looking for high performance in a small, lightweight package, this Ultraprobe has what you want. Digitally powered, it will record and download all your test data for steam trap and compressed air inspection. Designed for ease of use, the Ultraprobe 3000 combines simplicity and sophistication. Featuring a fixed frequency response along with UE Systems' "Spin and Click" technology, you can adjust sensitivity, store and record data with just one control. Backed by Ultratrend DMS you'll get all the data you need with all the features you expect from an Ultraprobe system to analyze test results and generate reports.

Ensure the health of your equipment while reducing your carbon footprint.

Advance your Energy and PdM programs with the Ultraprobe® 3000 Digital Inspection Systems. 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 reporting system that comfortably fits in the palm of your hand.

Dial into convenience and savings with the Ultraprobe 3000. Experience the ultimate in 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.

For your complimentary Energy Conservation Guide.

### 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 on a 16-segmented 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 of your test data
- Scanning and stethoscope (Contact) plug-in modules
- Update system software online

### Typical Ultraprobe 3000 Applications:

- Compressed Air Leak Detection
- Steam Trap Inspection
- Valve Leak Detection
- Pressure & Vacuum Leak Detection
- Heat Exchanger, 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 Spin and Click Technology Digital Ultrasonic Inspection System

UE Systems' unique Spin and Click™ Technology makes sophisticated inspection processes so simple, so quick, that you will be amazed at how much you can accomplish with only two controls.

### By just "spinning" and "clicking" you can:

- Locate and Identify Potential Problems
- Set a Store Mode: "Normal Store" or "Quick Store"
- Overwrite Data
- Delete Data
- Change Sensitivity Quickly
- Download via USB



## Digital Ultrasonic inspection system

### Technical Specifications

- Construction: Hand-held pistol type made with ABS plastic
- Circuitry: Solid state analog and SMD digital circuitry with temperature Compensation
- Frequency Range: Frequency response: 35-45 kHz
- Response Time: <10 milliseconds Display: 128x64 Graphic LED with LED backlight
- Memory: 400 storage locations
- Battery: Li Polymer Rechargeable
- Operating Temperature: 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)
- Specialized Air and Steam Tags Available.
- Covered by one or more of the following patents: 4416145, EPO151115, 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.

### Accessories

#### Long Range Module (LRM) Kit

Complete with everything you need for digital route inspection, the Ultraprobe® 3000 LRM kit includes:

- 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)
- Long Range Module

