

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

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 LED with LED backlight
Memory	400 storage locations
Battery	Li Polymer Rechargeable
Operating Temp.	0 °C to 50 °C (32 °F to 122 °F)
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 38.1 x 55.9 x 11.43 cm (15" x 22" x 5")
Weight	Pistol Unit: 0.45 kg (1 lbs) Carrying Case: 4.99 kg (11 lbs)
Warranty	1 year standard, 5 years with completed registration form



Long range module



RAS - Magnetic Mount



Stethoscope module

Available Optional Accessories

- 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*
- Specialized Air and Steam Tags

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



Pragmatic Reliability Products Ltd

62 Brooklands Drive | Goostrey | Cheshire | CW4 8JD | United Kingdom
Telephone +44 (0)1477 537095 | Email info@pmar.co.uk | Web www.pmar.co.uk
Registered in England Number 9331704. VAT Registration Number 203 3710 59