Why Ultrasound Technology is the smart approach to inspection:
- Ultrasound is very directional and localized
- Ultrasound can be easily blocked or shielded
- Ultrasound instruments can be used in noisy environments
- Changes in Ultrasound provide early warning of potential problems
- Ultrasound instruments are easy to use!

The Ultraprobe® 100 features an 8-position sensitivity dial with decibel indications. In addition, it features an LED bar graph display in which each LED equals approximately 3 dB - ideal for calculating decibel levels.

UP100KT
Ultraprobe® 100 Kit
- UP 100 Pistol with LED Bar Graph Meter
- 8 Position Sensitivity Selection
- Scanning Module
- Rubber Focusing Probe
- Warble Tone Generator (WTG-1) with Battery Recharger
- Deluxe Headphones
- 9 Volt Alkaline Battery Replaceable
- Nylon Cordura Soft Carrying Case
- Comprehensive Instruction Manual
- Stethoscope Module
UP100SC
Ultraprobe® 100 Stethoscope/Scanner Kit
Includes scanning module & stethoscope module.

UP100S
Ultraprobe® 100 Scanner Kit
Includes scanning module & rubber probe.

UP100C
Ultraprobe® 100 Stethoscope Kit
Includes contact module.

Available Optional Accessories
- Holster Set
- Liquid Leak Amplifier (Ultrasonic bubble test for low level leaks)
- Stethoscope Extension Kit
- Speaker Amplifier
- Specialized Tone Generators (Used instead of pressure test, transmits ultrasound through a leak – Fast & Easy!)
- DHC-2H Deluxe Noise Isolating Headset
- LRM-1 Long Range Module

Application Selection Chart

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<th>APPLICATION</th>
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<th>UP100SC</th>
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<td>Electrical Inspection</td>
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Ultraprobe® 100 Specifications

Construction: Hand-held ABS pistol type ultrasonic processor, stainless steel sensor enclosures
Circuitry: SMD/Solid State hybrid heterodyne receiver
Frequency Response: Peak response: 36-44 kHz
Indicator: 10 segment LED Bar Graph (red)
Sensitivity Selection: 8 position precision attenuation
Power: 9 Volt Alkaline Battery
Low Battery Voltage Indicator: LED
Headset: Weight: 0.07 kg (2.5 oz)
Operating Temperature Range: -30 °C to +75 °C (-22 °F to 167 °F)
Cable: 122cm (48") shielded
Cable Pull: 9.07 kg (20 lbs.)
Frequency Range: 300 to 3000 Hz
Impedance: 150Ω
Molded Connector
Probes: Scanning Module (SCM-1), Stainless Steel Unisonic (single transducer) piezo electric crystal type:
Stethoscope/Contact Module (STM-1), Stainless Steel plug-in type with 14 cm (5.5") Stainless Steel Waveguide
Rubber Focusing Probe: Shields stray ultrasonic signals and focuses detected signals
Transmitter: Patented warble tone transmission
Response time: Response time: 300 msec
Operating Temp. Range: 0 - 50 °C (32 °F - 120 °F)
Relative Humidity: 10-95% non-condensing at up to 30 °C (86 °F)
Storage Temperature: 18 °C - 54 °C (0 °F - 130 °F)
Warranty: 1-year parts/labor standard, (details available on request)
5 years with completed warranty registration card
Dimensions: 13.3 x 5 x 20.3 cm (5.25" x 2" x 8")
Weight: 0.3 kg (11 oz)
Carrying Case: Nylon Cordura soft carrying case

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UltraProbe 100SC Kit Meets and exceeds ASTM E1002-2005 requirements for Leak Detection. Covered by one or more of the following patents: 0151115; 0303776; 0315199; 1206586; 1297576; 1881263; 2562758; 2689339; 4416145; 4823600; 5956570; 6122966; 6339961; 6341518; 6415645; 6655214; 6707782; 6804992 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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