

## UE Systems Ultrasonic Inspection Systems

**Great for locating corona leaks and arcing**

- Non-Destructive, Precise Detection
- Works in Noisy Environments
- Provides Early Warning of Potential Problems
- Ergonomically Designed
- Supplied in Self-Contained, Easy-to-Use Kit

Use this system for a multitude of inspection and troubleshooting applications: detect leaks in pressure/vacuum systems, steam traps and valves, and tanks and piping; check for arcing, tracking, and corona in electrical apparatus; test bearings, pumps, motors, and compressors; and more. Used in a periodic inspection program, it can warn of potential problems before they erupt into emergencies. Because this method is non-intrusive and non-destructive, it's easy to use and requires no modifications to equipment being tested.

Employing the latest ultrasound technology, the 23577E senses the high-frequency noise produced by operating equipment, leaks, and electrical discharges. It translates them into easily understood, recognizable sounds that can be heard through a headset and seen as intensity increments on the handset's bargraph meter. The pistol-grip handset and sensing modules provide directional precision so you can pinpoint the source of trouble, and an eight-position selector knob lets you adjust sensitivity. A rubber focusing probe shields stray ultrasonic signals and focuses detected signals. The noise-isolating double headset allows you to use the instrument in noisy ambient environments.

The 23577E comes packed in a hard-shell, foam-padded carrying case, complete with all accessories required for operation.

**Each Kit Includes:** 9V alkaline battery, pistol housing, scanning module, rubber focusing probe, stethoscope contact module, warble-tone generator with battery charger, deluxe noise-isolating headset, HDPE plastic carrying case, and instruction manual.



UP-100KT in use

### Specifications

Transmitter:	Patented warble-tone generator
Receiver:	SMD/solid-state hybrid heterodyne
Frequency Response:	20 to 100 kHz, centered at 38 to 42 kHz
Response Time:	300 msec
Visual Indicator:	10-segment, red LED bargraph
Headset:	Noise-isolating, 16Ω impedance, >23 dB noise attenuation; meets or exceeds ANSI specs and OSHA standards
Handset:	ABS, pistol-style
Probes	
Scanning:	Stainless steel unisonic (single transducer) with piezoelectric crystal
Stethoscope/Contact:	Stainless steel plug-in type with 5.5" SS waveguide
Operating Environment:	32 to 120°F (0 to 50°C); 10 to 95% RH, non-condensing at up to 86°F (30°C)
Power:	9V alkaline battery
Size/Weight (Handset):	8 x 5.25 x 2" HWD (20.3 x 13.3 x 5 cm)/11 oz (0.3 kg)

### Ordering Information

Order #	Mfg #	Description	Price
MP23577E	UP-100KT	Ultrasonic Inspection System	



UP-100KT  
(Tone generator and charger not shown)

## Amprobe Ultrasonic Leak Detector

- Visual and Audible Indication
- Optional Transmitter or Choose Complete Kit
- Locate Vacuum and Pressure Leaks
- Pinpoint Electrical Discharge
- Test Steam Traps
- Check Sealed Enclosures

**TMULD-300 Kit Includes:** Ultrasonic leak detector, ultrasonic transmitter, flexible extension and stopper, tube extension, and headphones.

**4402A Includes:** Earphone and instructions.

### Specifications

<b>4402A and UT-300:</b>	
Power Supply:	9V alkaline battery, approx. 50 hr. life
Frequency Output:	40 kHz (4403A only)
Size/Weight:	1.62 x 2.56 x 6.02" HWD/5.6 oz with battery

### Ordering Information

Order #	Mfg #	Description	Price
MP4402A	ULD-300	Amprobe Ultrasonic Leak Detector with LED Display	
MPUT-300	UT-300	Amprobe Ultrasonic Transmitter	
MPTMULD-300	TMULD-300	Amprobe Ultrasonic Leak Detector Kit	



▲ **TMULD-300**

## **NEW** AEMC Moisture Meter

- Easy One-Hand Operation
- Measurement Range: 6 to 100% of H<sub>2</sub>O
- Two 20-LED Display Scales: from 6 to 23% and 24 to 100%
- Lightweight and Compact
- Includes Protective Safety Holster
- Replaceable Electrodes

### Specifications

Mfg#	CA847
<b>Measurements — % H<sub>2</sub>O</b>	
Measurement Range	6 to 100%
Display Resolution	1%
Accuracy	±2 lights
Dimensions	7.68 x 2.38 x .5" (195 x 60.5 x 38 mm)
Weight	Approx. 5.6 oz (160g) including battery

### Ordering Information

Order #	Mfg #	Description	Price
MP2121.25	CA847	Moisture Meter	



CA847 ▶

