



CTRL UL101 LEAK DETECTOR

*Get rid of your soap & bubbles.
Find leaks fast with the industrial grade UL101.*



Find leaks fast.

The CTRL UL101 quickly locates compressed air leaks, gas leaks, and vacuum leaks. Save time and energy.

Easy to use.

The CTRL UL101 is extremely easy to operate. Simply aim the leak detector in the direction of the piping and adjust the sensitivity to pinpoint.

More sensitive.

The CTRL UL101 has the best signal-to-noise ratio and highest sensitivity in the market. Find all turbulent flow leaks.

APPLICATIONS

leak detection | valves | pressure leaks | vacuum leaks | **electrical arcing** | transformers | gas leaks | **hvac leaks** | steam traps | compressed air leaks for energy savings

LEAK DETECTION

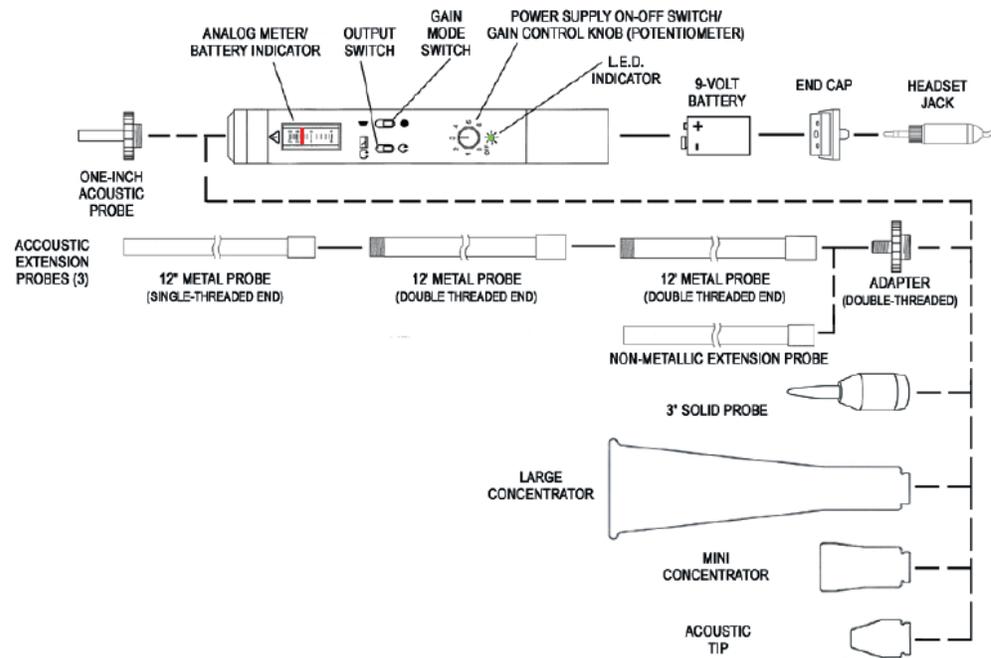
The **CTRL UL101 Leak Detector** includes attachments for airborne ultrasound applications including leak detection (any type of gas), vacuum leak detection, electrical inspection, and steam leak detection. Additionally, the kit includes a single 3-inch solid probe for diagnosing steam traps and valves by detecting internal by-pass leaks

FEATURES

- Fixed Frequency
- High Sensitivity to all turbulent flow air, gas, or vacuum leaks
- Easily adjustable sensitivity and gain
- Lightweight, one-handed operation
- Converts ultrasound to easily recognizable audible sounds
- Standard 9-Volt Battery means no waiting to recharge

UL101 Leak Detector Specifications

Receiver / Transmitter Dimensions	8.75" x 1.26" x 1.26" (222 x 32 x 32 mm) 4.125" x 1.26" x 1.26" (105 x 32 x 32 mm)
Receiver Weight	11.6 oz (330 g)
Kit Shipping Dimensions	17" x 8" x 14" (43 x 20 x 35 cm)
Kit Shipping Weight	9 lbs (4 kg)
Housing	Extruded Aluminum, wall thickness .09" (2.3 mm)
Battery	9-Volt Alkaline (> 45 continuous hours use)
Distance of Reception	Up to 150 feet (45 m)
Sensitivity Threshold	Minimum Intensity: 10^{-12} W/m^2 (0 dB SPL) Minimum Ultrasonic Pressure: $2.0 \times 10^{-5} \text{ PA}$ @ 40 kHz
Frequency Bandwidth	1.8 - 2.2 kHz @ level 0.7 (or -3 dB SPL)
Working Resonance Frequency	40 kHz +/- 1.5 kHz
Operating Temperature Range	-4° to +130° F (-20° to +54° C)
Headset	Industrial Grade/600-Ohm Impedance 21-24 dB External Noise Attenuation
Warranty	5-year parts & labor on all manufacturer's defects. No calibration required. Requalification of performance (once per year)
Intrinsically Safe (optional upgrade)	ANSI /UL 91 3-88, for DIVISION 1, CLASS I, Groups A, B, C and D, CLASS II, Groups E, F, G and CLASS III It also complies with DIVISION 2, CLASS I, Groups A, B, C and D, CLASS II , Groups F, G, and CLASS III



Not Pictured: Carrying Case, David Clark Headset, Operator's Manual, Training CD