

# Ultrasonic Applications



Dedicated People, Quality  
Products, and Above All, Service.

## A Minor Air Leak Can Cause a Major Expense!

L&S Electric uses ultrasound surveys to detect leaks in pressure and vacuum systems, detect electrical arcing, and inspect for bearing failure.

### Pressure/Vacuum Leaks

Air/gas under pressure escaping from a leak site creates turbulence observed as a rushing of sound in the headset of the test equipment. Utilizing the meter display allows the user to quantify the leak.

### Electrical Inspections

Electrical arcing and tracking create an ultrasound, which can be detected as a sound in the headset.

We recommend testing switchgears, transformers, circuit breakers, buss bars, relays, junction boxes, insulators, and other electrical gear.

### Bearing Inspections

An ultrasonic unit is also able to detect the earliest stage of bearing failure; often used on less-critical bearings when grouped together such as with conveyor roll bearings.



[www.lselectric.com](http://www.lselectric.com)

### SCHOFIELD

715.359.3155 or 800.283.8332

### DULUTH

218.729.3375 or 800.943.9549

### APPLETON

920.730.0203 or 800.283.5564

### MENOMINEE

906.864.2500 or 800.864.2507

### STURTEVANT

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### ROTHSCHILD

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### HYDRO SOLUTIONS

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