



# Ultrasonic Detection Testing

Dedicated People, Quality Products, and Above All, Service

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

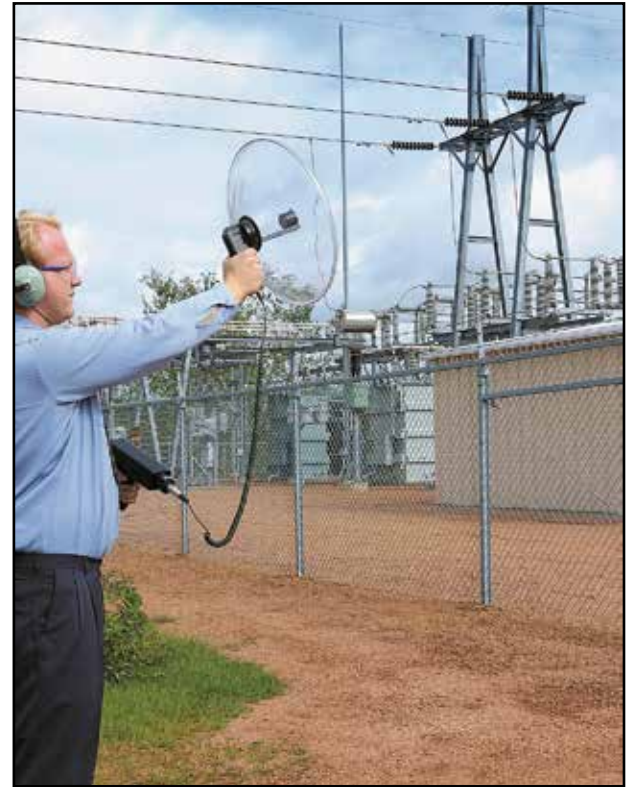
Ultrasound detectors perfectly complement infrared instruments for the routine examination of electrical equipment. While infrared inspections allow operators to “see” heat, ultrasonic testing allows technicians to “hear” sounds humans cannot ordinarily hear.

Corona arcing and tracking, which may not show up on infrared inspections, is revealed by ultrasonic testing via high- or low-frequency sounds.

Ultrasonic detection testing equipment is especially useful in continuous process industries such as the following:

- Chemical plants
- Oil refineries
- Food processing plants
- Paper mills
- Utilities
- Plus, wherever plants run around the clock

Our technicians monitor equipment while it is running and detect sounds of problems in the making. This gives you the power to schedule maintenance shutdowns and replace only the parts that need be replaced, ultimately reducing your costs.



*The sounds begin at 20,000 hertz and go as high as 100,000 hertz. The longer wavelengths of these low-pitched sounds can easily penetrate solid materials and make problem areas easier to pinpoint.*

**Increase the reliability of your equipment operation!  
Call our Power Services Department or your  
Account Representative for more information.**

Appleton  
800.283.5564

Duluth  
800.290.9320

Hydro Solutions  
877.258.5128

Iron Mountain  
800-562-7105

Menominee  
800.864.2507

Minneapolis  
800.290.9320

Rothschild  
888-246-1249

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800.283.8332

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800.367.7676