



Avoid the Risks of Compressed Air Leakage

On average, **companies lose 20 to 30 percent of their compressed air to leakage every year.** Compressed air is one of the top three highest utility costs for manufacturers. Understanding the extent of the leakage is integral to understanding your true utility cost.

The Ultrasonic Testing Solution

Ultrasonic testing—offered as a standalone service or as part of a scheduled maintenance package—allows highly-trained DeBra-Kuempel specialists to find air leaks rapidly and accurately. Using powerful ultrasound technology, we analyze your plant's equipment and identify failure conditions such as pressure leaks, problematic vacuum systems, worrisome electrical discharge, bearing deterioration, and steam-trap issues.

How Ultrasonic Testing Works

- > Complete a facility walk-through and safety checks
- > Begin inspection at air compressor and trace mains to branch lines
- > Using ultrasonic equipment, locate, tag, record, and photograph each leak
- > Input data into ultrasonic software
- > Generate final report
- > Analyze leak size and cost-per-year for each leak

WHAT CAN WE DO FOR YOU?

DeBra-Kuempel, an EMCOR Company

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We conduct ultrasonic analysis on the following systems:

- > Bearings
- > Compressed air
- > High-voltage switchgear
- > Medical gas
- > Nitrogen
- > Oxygen
- > Steam
- > Vacuum
- > Welding gas



OUR MARKETS

Biotech/Healthcare

- Hospitals
- Pharmaceutical

Commercial

- Office Buildings/Real Estate
- Retail

Education

Manufacturing/Industrial

- Distribution/Warehousing
- Food Processing
- Water/Wastewater Treatment

Public/Government

- Municipal
- Religious Facilities

Technology

- Clean Rooms

Data Centers

Transportation